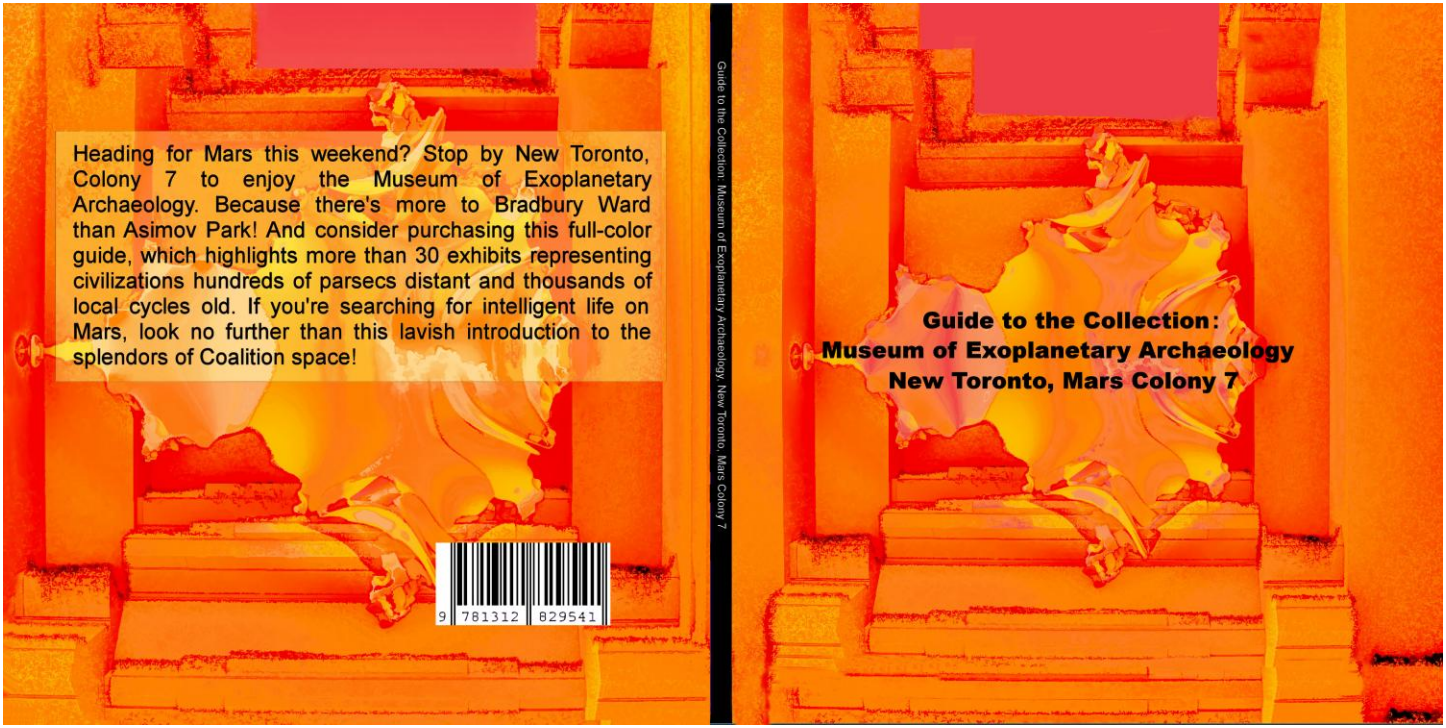
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Museum of Exoplanetary Archaeology,

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First Edition

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And by Local Council, your voice in the Coalition.

Welcome to the Museum!

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Main Level: A Look Back at the Early Collection

Exhibit No. 4

Depiction of a fertility goddess (?) with antigravitational base, no obvious power source. Provenance unknown. This enigmatic addition to the collection was rescued from Neo-Corsairs by the Antiquities Recovery Unit at the NTMEA.

Exhibit No. 5

Depiction of a unique organic find (collagenic plant tissue with similarities to *tetraodontidae* and *hippocastanaceae*) discovered at Fibonacci Beach, Kepler 62E. Grand Tentacles layer, circa 1.2 million local cycles B.T.

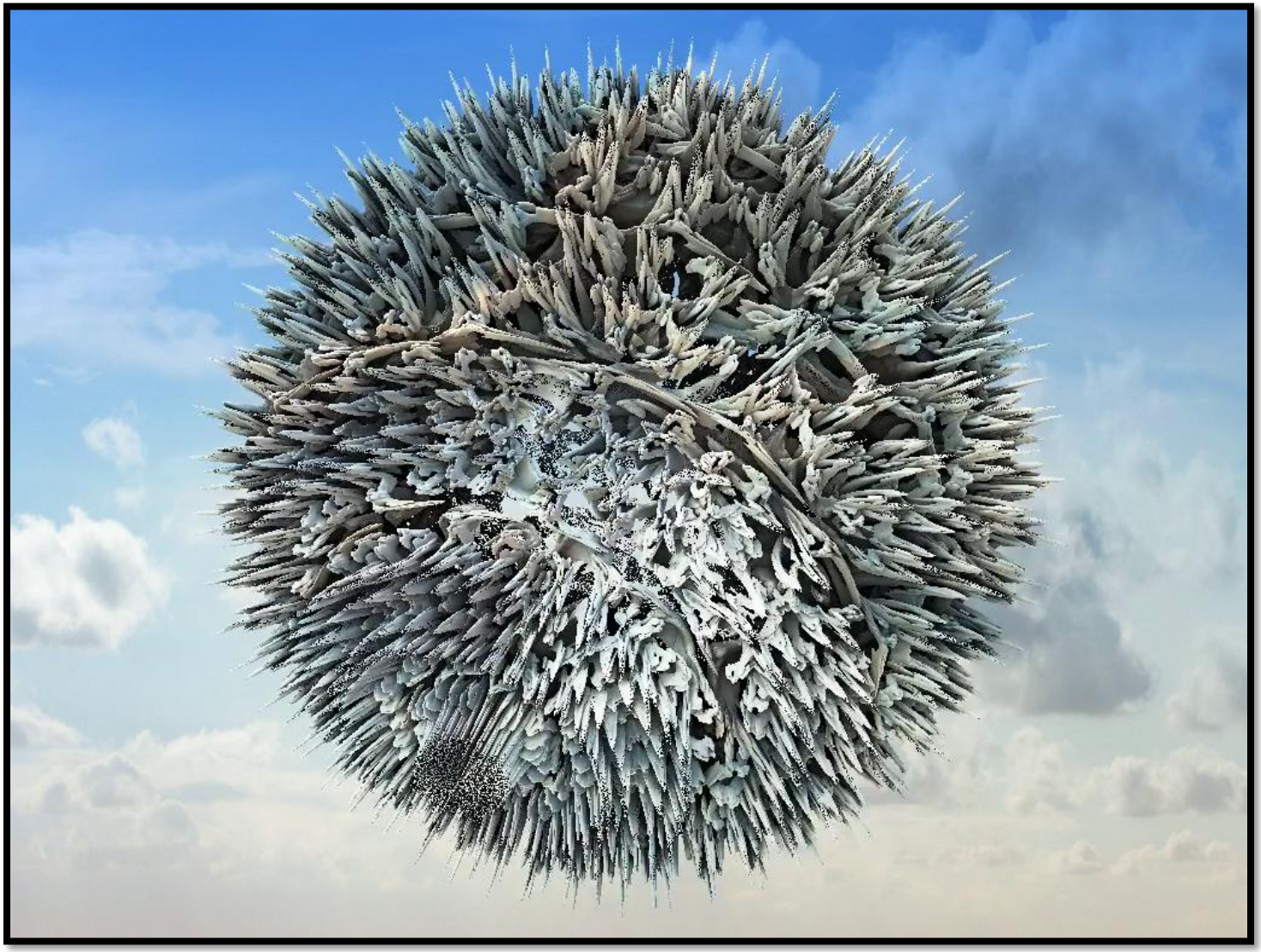


Exhibit No. 6

Depiction of a component from an unknown device (tantalum substrate with tellurium plating) Spontaneous photovoltaic conversion requires caution. Mandelbrot Marshes, Tau Ceti f. Metropolis layer, circa 700 local cycles B.T.

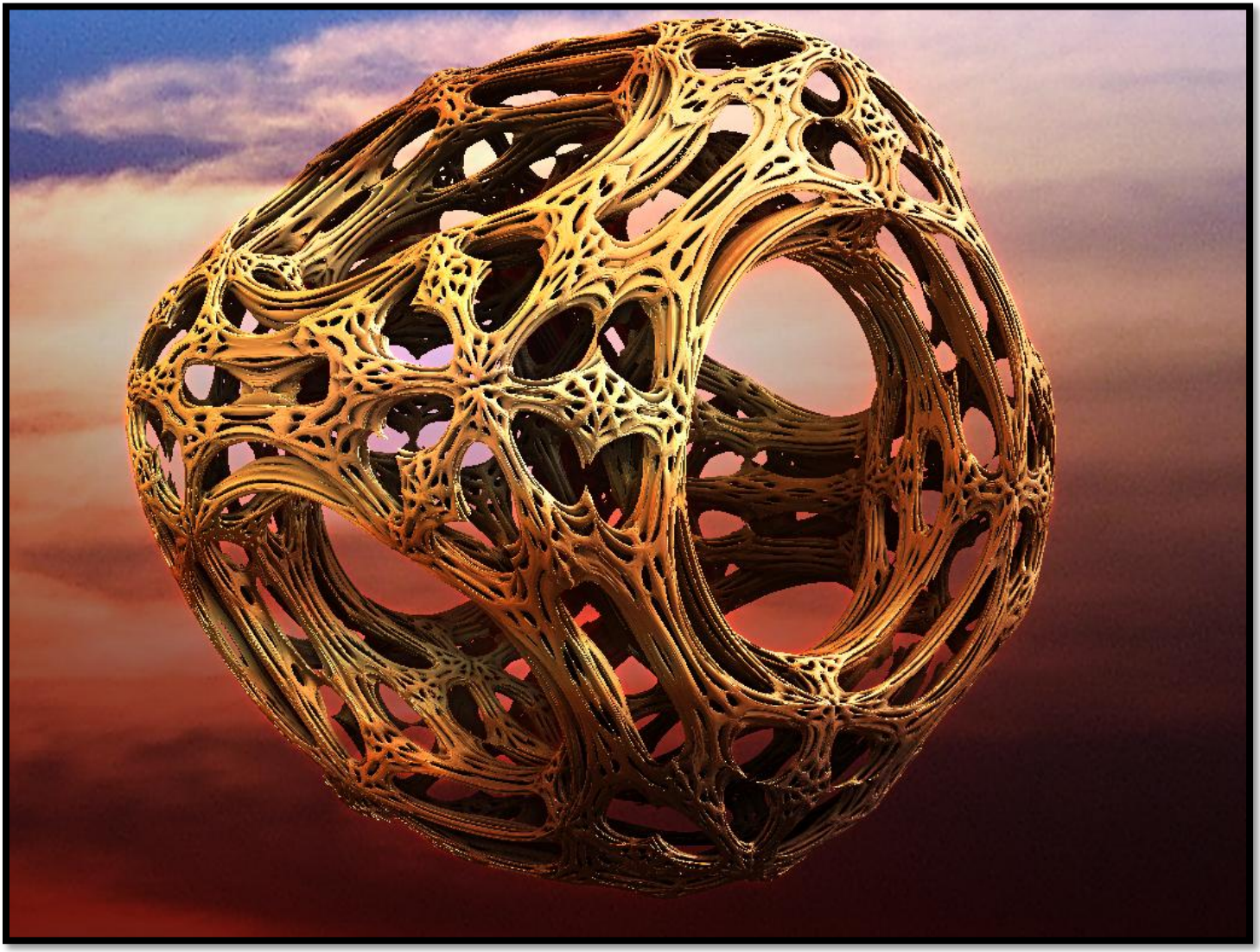


Exhibit No. 7

Depiction of a 'Space Pearl', a decorative object with religious significance, fashioned from a single calcereous concretion (unidentified invertebrate). Crystallization suggests repeated scoring with a far-IR excision tool. Sierpinski Plains, Kepler 186f. Temporal layer, circa 1,250 local cycles B.T.

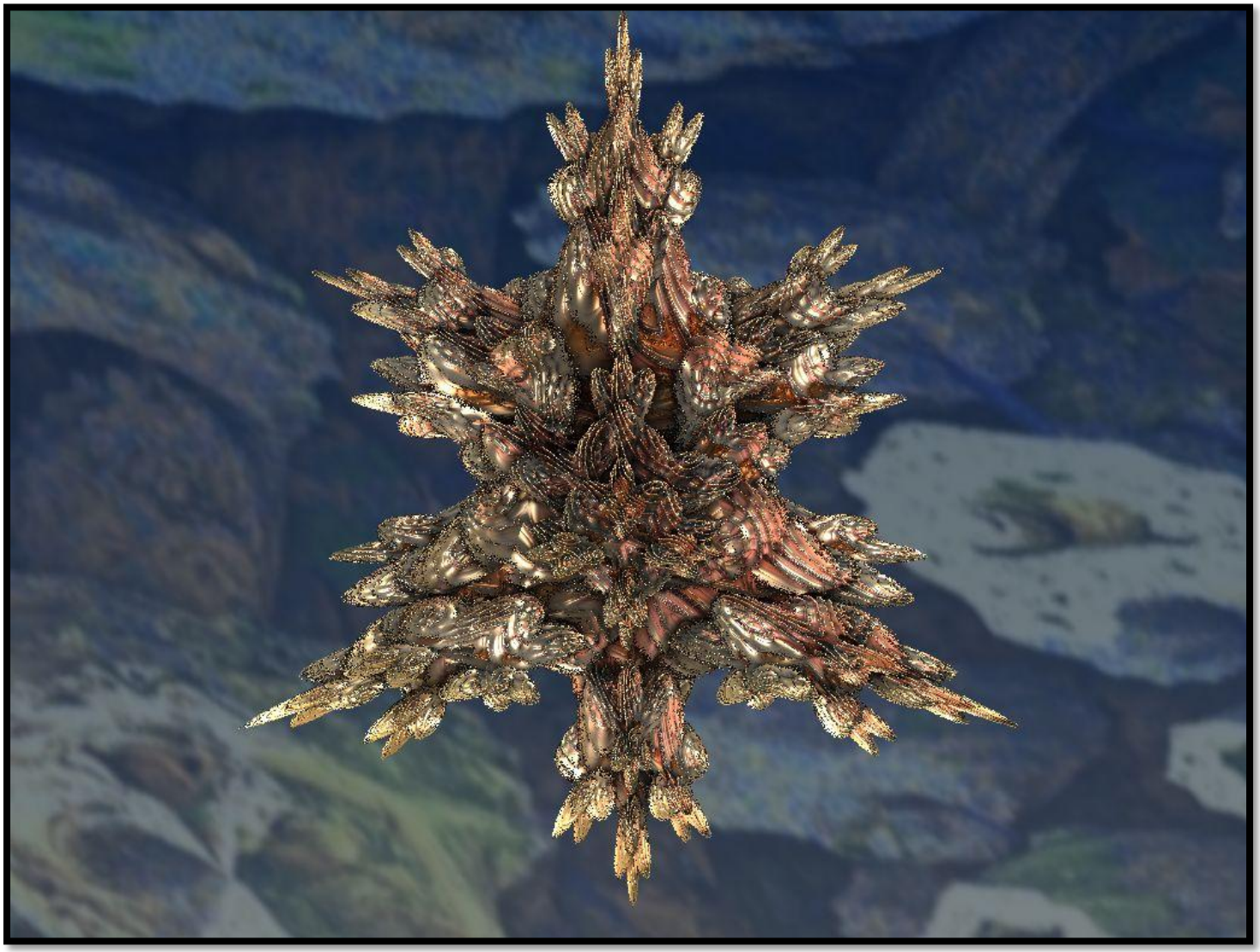


Exhibit No. 9

Depiction of a decorative artifact recovered from Hausdorff North, TRAPPIST-1d. Recursion layer, circa 2,000 local cycles B.T. Exquisite openwork filigree with delicate organic motifs, fused onto iridium and painted with a durable synthetic resin.

Exhibit No. 10

Depiction of a stele discovered at Lake Koch on Teegarden’s Star b. Big Bad layer, circa 100K local cycles B.T. Technically a "probability amplitude capacitor" or PAC, such artifacts are renowned for changing shape in response to the proximity of an observer. Nicknamed "The Menagerie" after a field digger noticed the resemblance of the eigenstates to Terran animals (fish, frog etc.) This exhibit is a reproduction, as the original was stolen while on tour.

Exhibit No. 13

Depiction of pithoi cache from New Knossos on Teegarden's Star b. Gosper Island, layer unknown, circa 2.4K local cycles B.T. Containers bear superficial similarity to Kamares Ware, with raised floral & shell motifs partitioned by bands. Privately funded excavation (not Coalition approved) damaged vertical stratification, introduced self-replicating materials, and only documented the finds on social media.

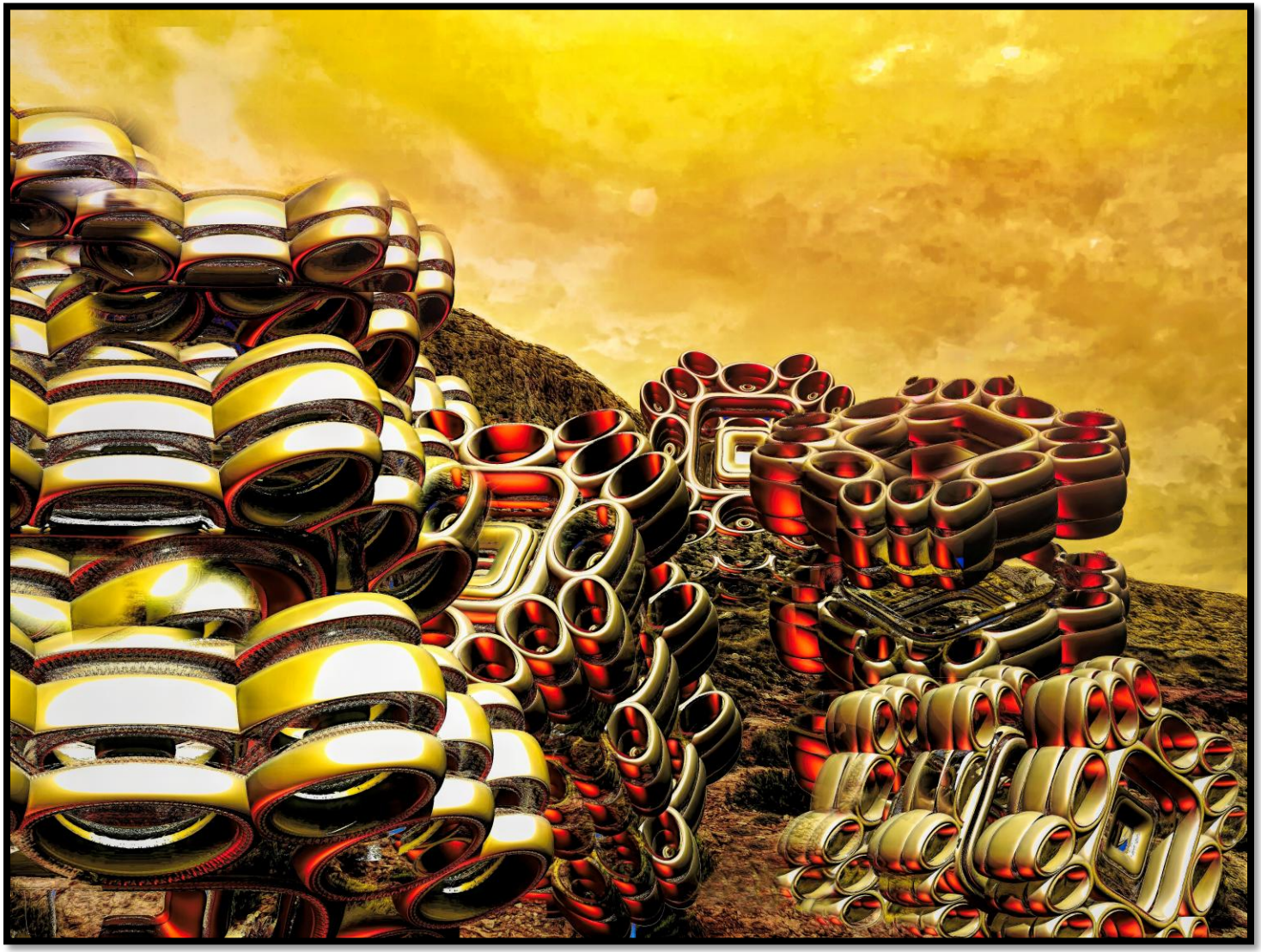
Exhibit No. 14

Depiction of three artifacts from the Hall of Trophies in Hexaflake State, Kepler 186f. Ballcourt layer, 1.5K local cycles B.T. Material is an organic derivative (calcium carbonate in bioplastic matrix). Affine et al. argue that ritualized sporting competitions culminated in the captain of the winning team literally becoming the trophy through a process of sacrificial 3D printing.

Main Level Landing: Upcoming Events

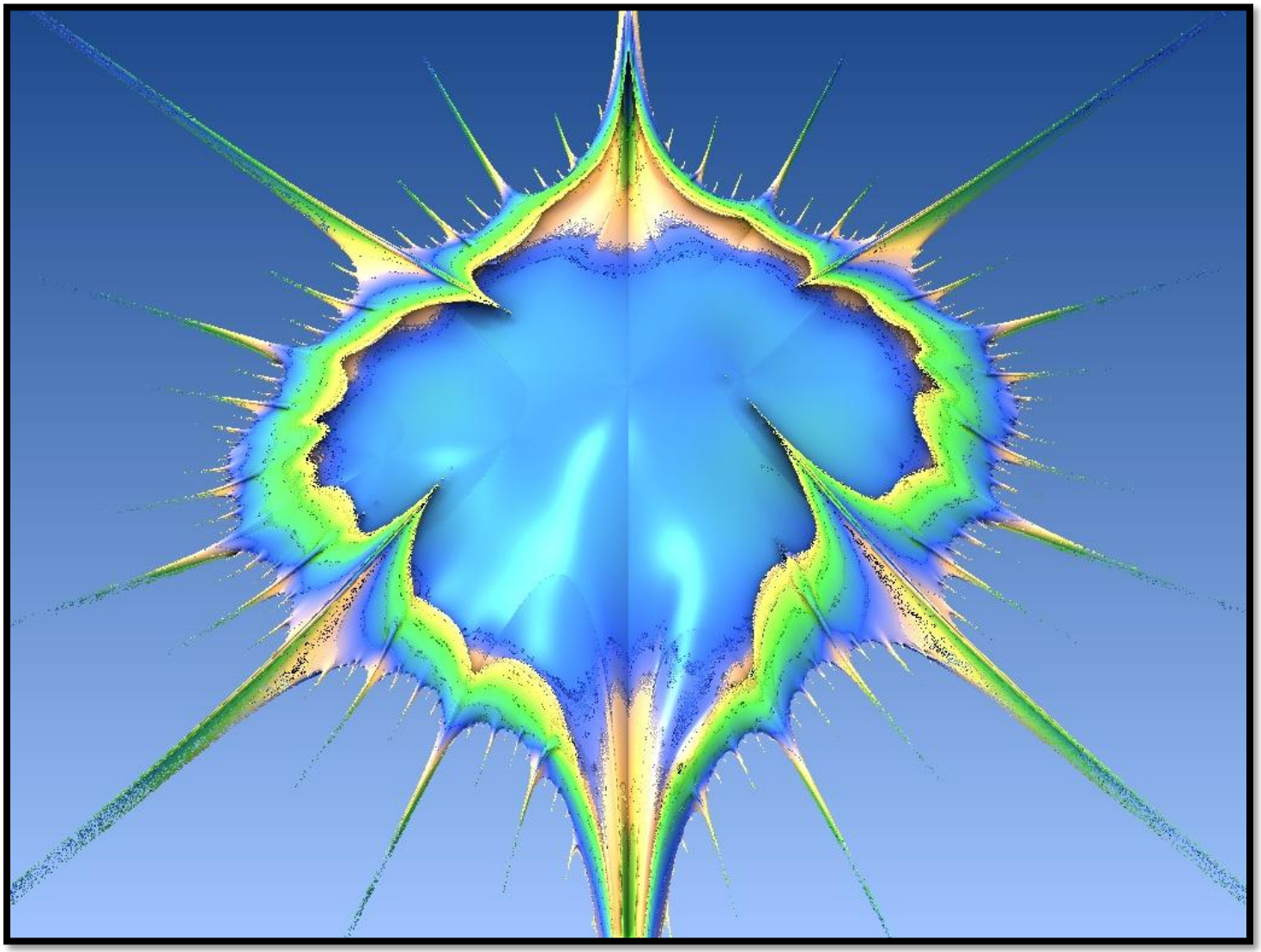
Retrospective No. 24

Later this season: "Dante without Virgil: The Singular Life and Untimely Death of a Trailblazer to the Stars." Don’t miss this long overdue retrospective on the illustrious career and incredible finds of the late Professor L. Pentaflake. The illustration depicts the so-called “Thruster Cluster” on Tau Ceti f, the dig he was overseeing at the time of his tragic demise in the Valley of the Pinwheel Arachnoids.



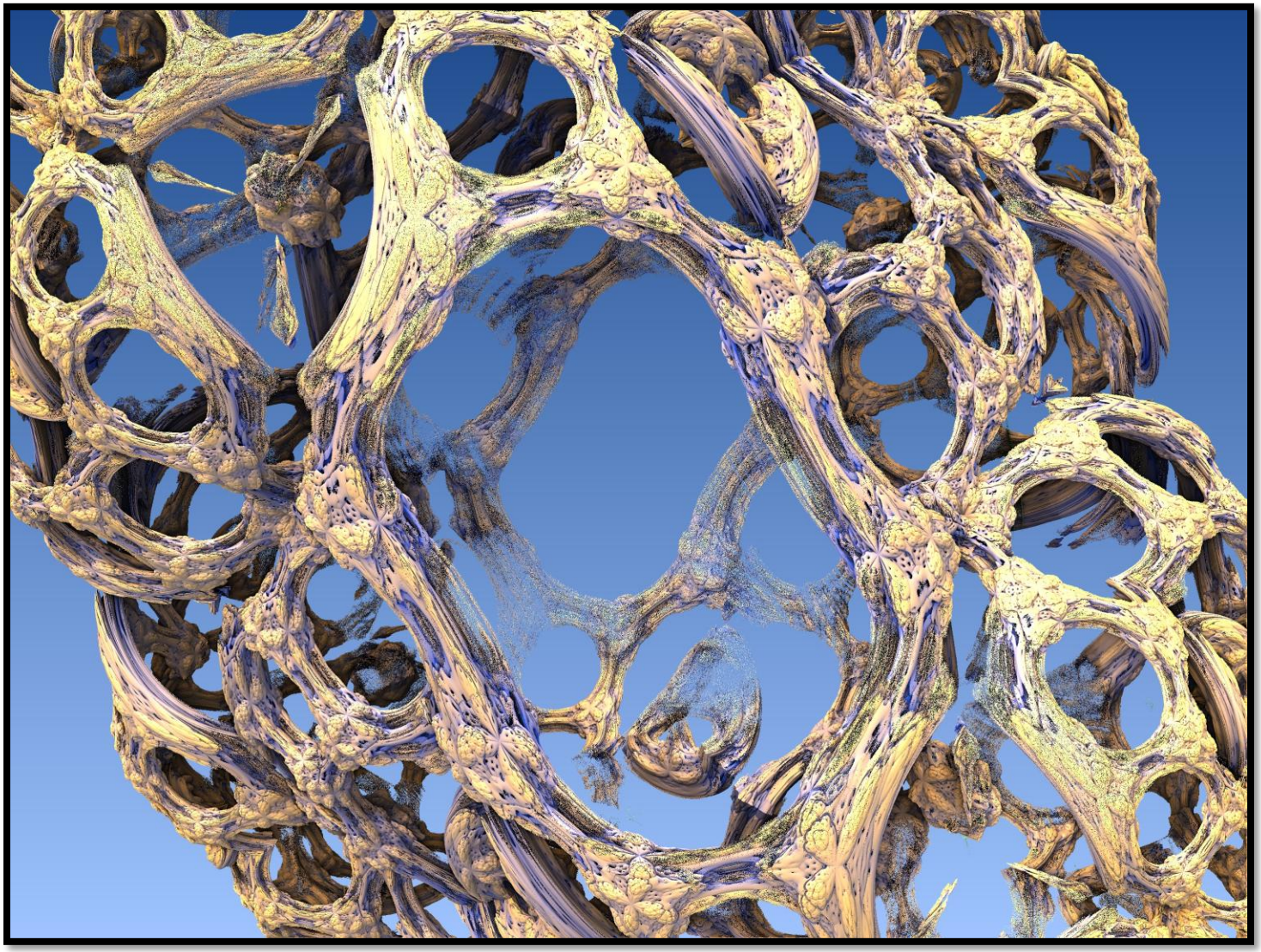
Public Lecture No. 33

A sumptuous three-course consumable lecture entitled "Fresh Eyes on the Kepler Plague: An Interdisciplinary Look Back" will be available in Interactive Hall at the NTMEA from next month. "Fresh Eyes" weaves together disparate findings in bio-archaeology, osteo-archaeology, urban archaeology, nanotechnology, cultural anthropology, and other fields to arrive at a comprehensive biopsychosocial model of this devastating time in galactic history. Topics include the cultural and environmental preconditions that spawned the nano-virus; what the skeletal biomarkers say about mortality, wealth, and social standing; the role of hyperspace trade in transmission and containment; the invention of encapsulating spheres; and how the limitations of this treatment still shape behavior and belief systems across multiple worlds. For any visitors to the museum with gastrointestinal issues, this lecture is also available as a neural mist.



Public Lecture No. 41

Mars Colony 7 is proud to be hosting the next in the series of Phoenix Emeritus lectures, which will be presented in the Nimoy Lounge at the NTMEA on Saturday at 13:00. "Connecting the Bones" will look at the challenges and rewards of sorting through the extraordinarily varied finds recovered from the playa and former methane seabed sediments at Hades 1 on Kepler 62E. The distinguished panel of five with backgrounds in zooarchaeology, vertebrate paleontology, xenobiology, exoplanetary geology, and remote imaging will be phasing in from across the solar system and beyond specifically for this talk, which will be available as a neural mist at the conclusion of the Q&A. For reservations, contact Museum Outreach.



Lower Level 1: Visiting Treasures from the J6G

Exhibit No. 17

Depicted is a musical instrument from Kepler 186f (Mt. Sierpinski, Moraine layer, circa 500 local cycles B.T.) Designed for single use on ceremonial/religious occasions, the artifact is played by dropping it from a great height. Music is generated as the rush of air is funneled through the apertures before the instrument shatters on impact.

Exhibit No. 18

Depiction of a decorative scroll urn recovered from Hausdorff South, TRAPPIST-1d. Iteration layer, circa 1,500 local cycles B.T. In Iterative times, the ruling class would commit a scroll to memory and then burn it as a sign of wealth and mental prowess. The gilded reliefs illustrate key scenes from the scroll, in this case a history of invasions. Ironically, the practice of scroll burning has resulted in most of their accomplishments going up in smoke.

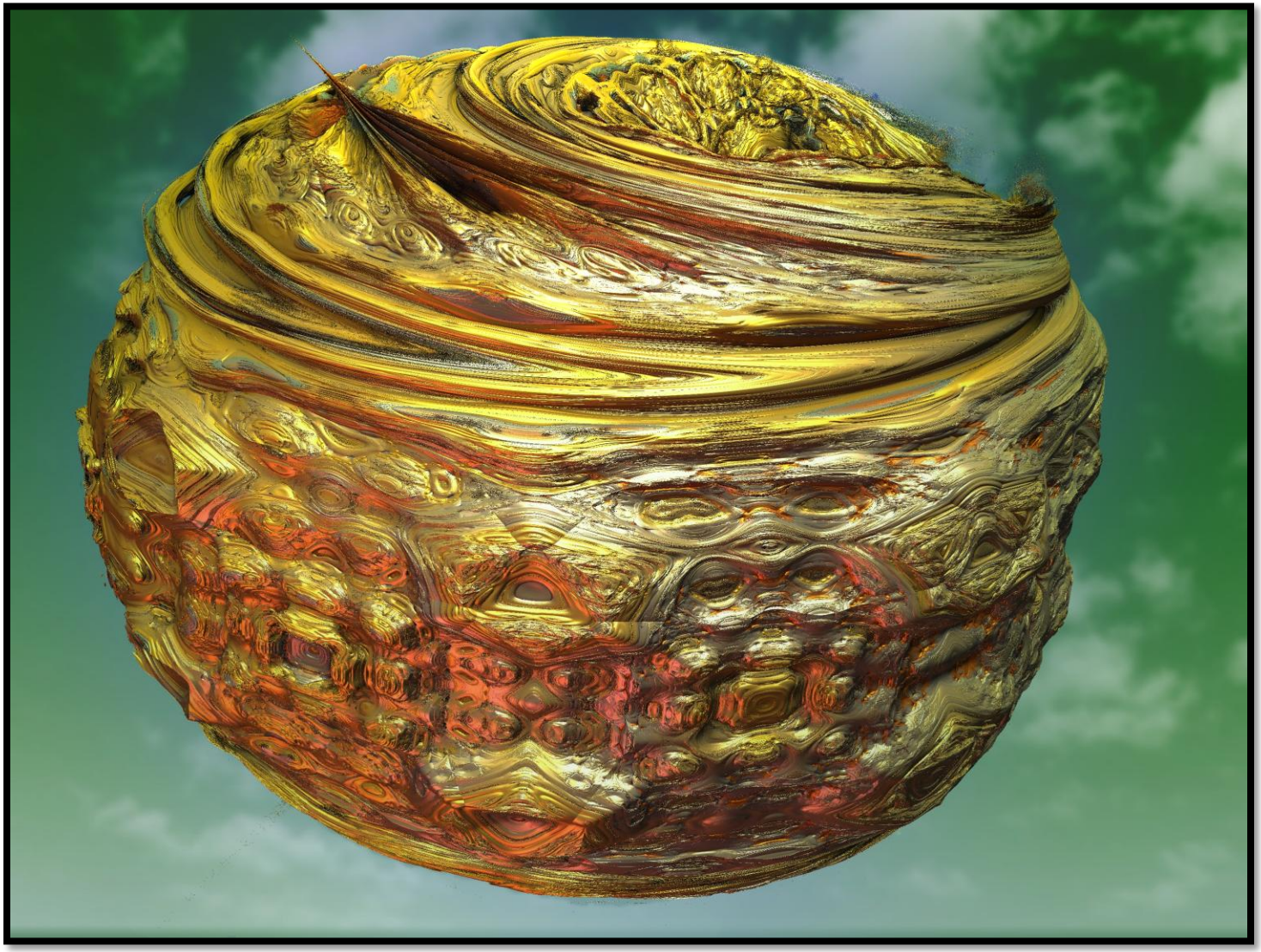


Exhibit No. 19

Depiction of a broach liberated from Neo-Corsairs by the Antiquities Recovery Unit at NTMEA and subsequently purchased by the J6G. Provenance identified by palynology and stylistic analysis (Sierpinski Plains on Kepler 186f, Spatial layer, circa 200 local cycles B.T.) Excellent example of modified mass production, as the base was 4D printed and then meticulously phase-bonded to metallic and organic decorative elements by a skilled artisan.

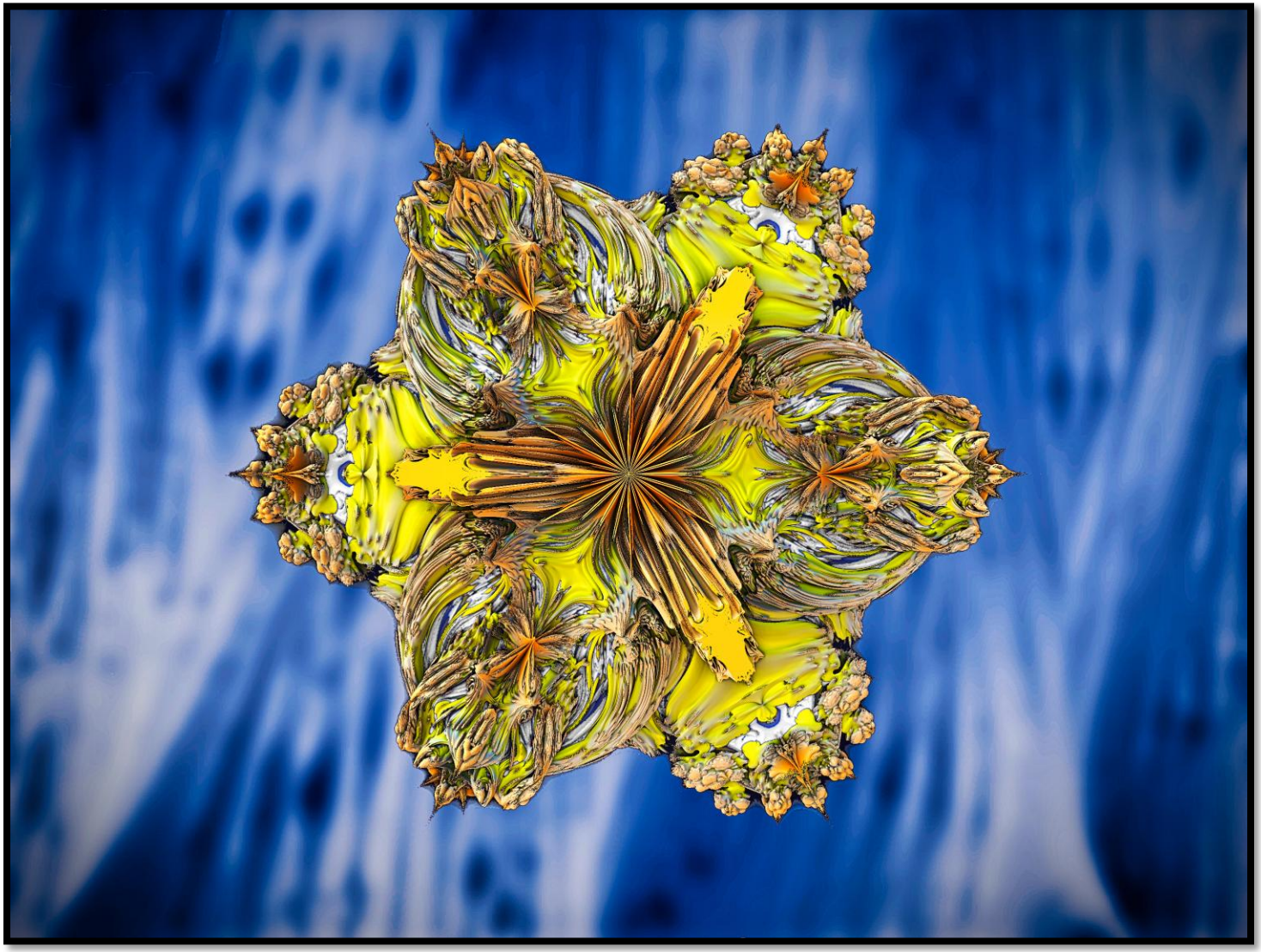


Exhibit No. 20

Depiction of reconstructed bioelectric circuitry from the ruins of a personal flying vehicle. Recovered at Hausdorff East on TRAPPIST-1d (Echoic layer, circa 400 local cycles B.T.) Encoded with a metallic resin, such parts were tuned to individual owners for purposes of security and flight control. To this day, the proximity and mental state of the occasional visitor interact to trigger a transient electrical response in the material.

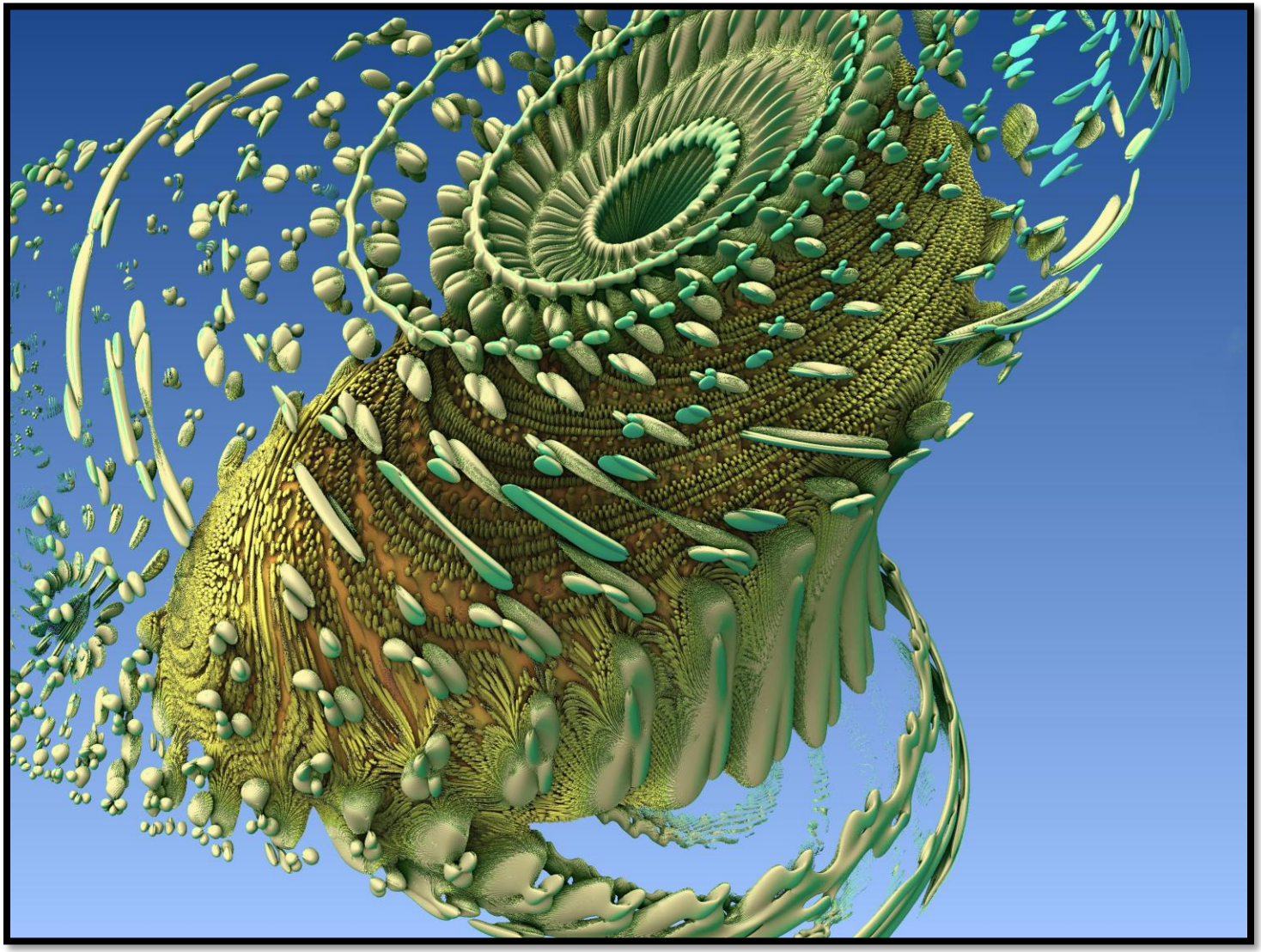


Exhibit No. 21

Portion of the proximal interphalangeal joint of a military droid from Tau Ceti f (Lake Terdragon, Urban Sedimentary layer, circa 1K local cycles B.T.) Fleximetal sinews provide a powerful yet controlled grip, while zwitterion spacers ensure a lightning-quick response. The spherical pitting on the ventromedial surfaces is consistent with neutralization by an invasive nano-weapon, possibly during a battle.

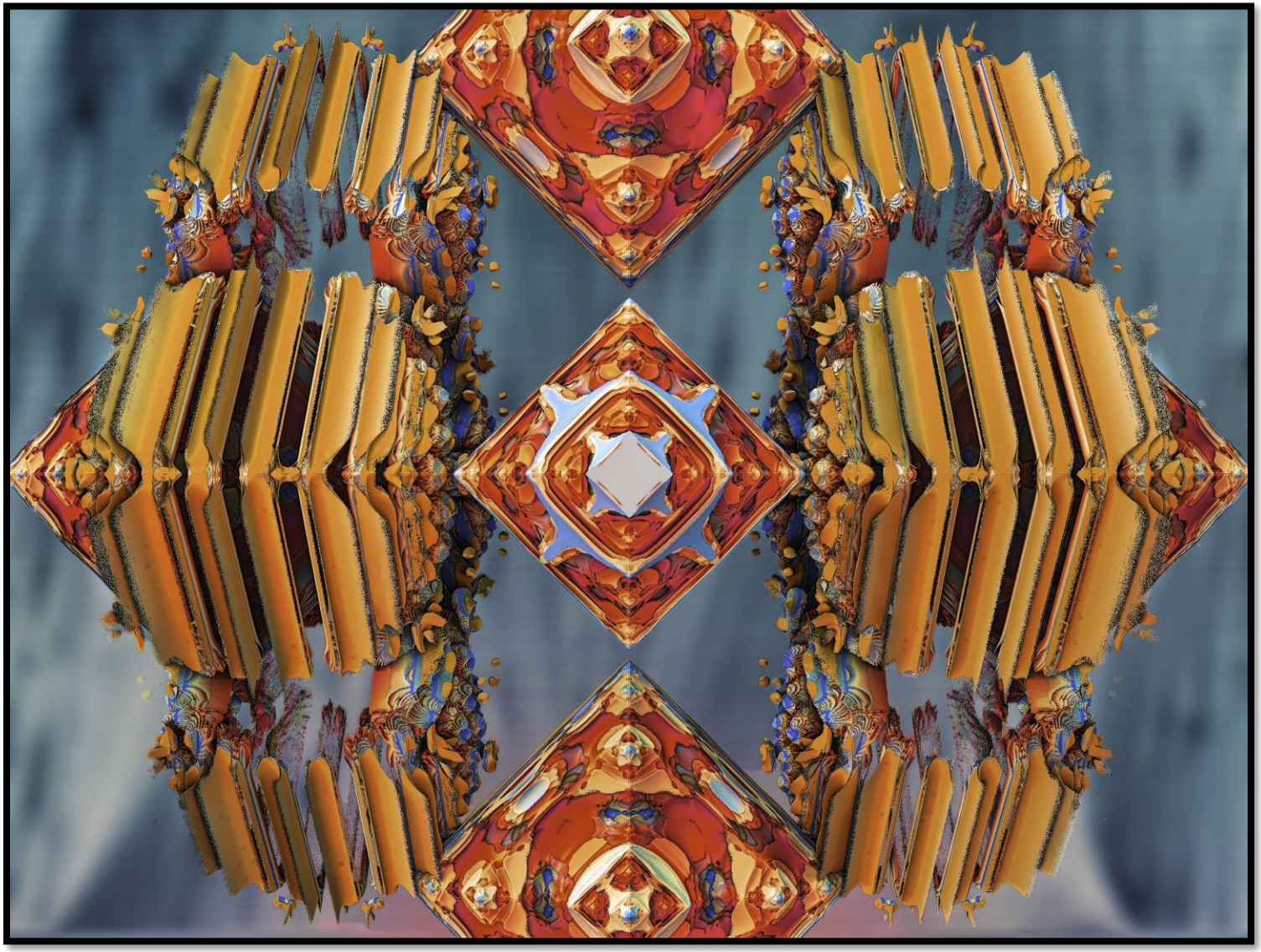


Exhibit No. 22

Depiction of four zoomorphic figurines from the Gosper Island dig on Teegarden's Star b (NKM layer, date uncertain). Stylized but recognizable portrayal of an indigenous even-toed ungulate with similarities to a Terran camel. The assemblage was cast in a bronze analog from what was clearly a standard mold, but vary in degree of subsequent embellishment. The cache was discovered with a chit which translates in part to "...including tax."

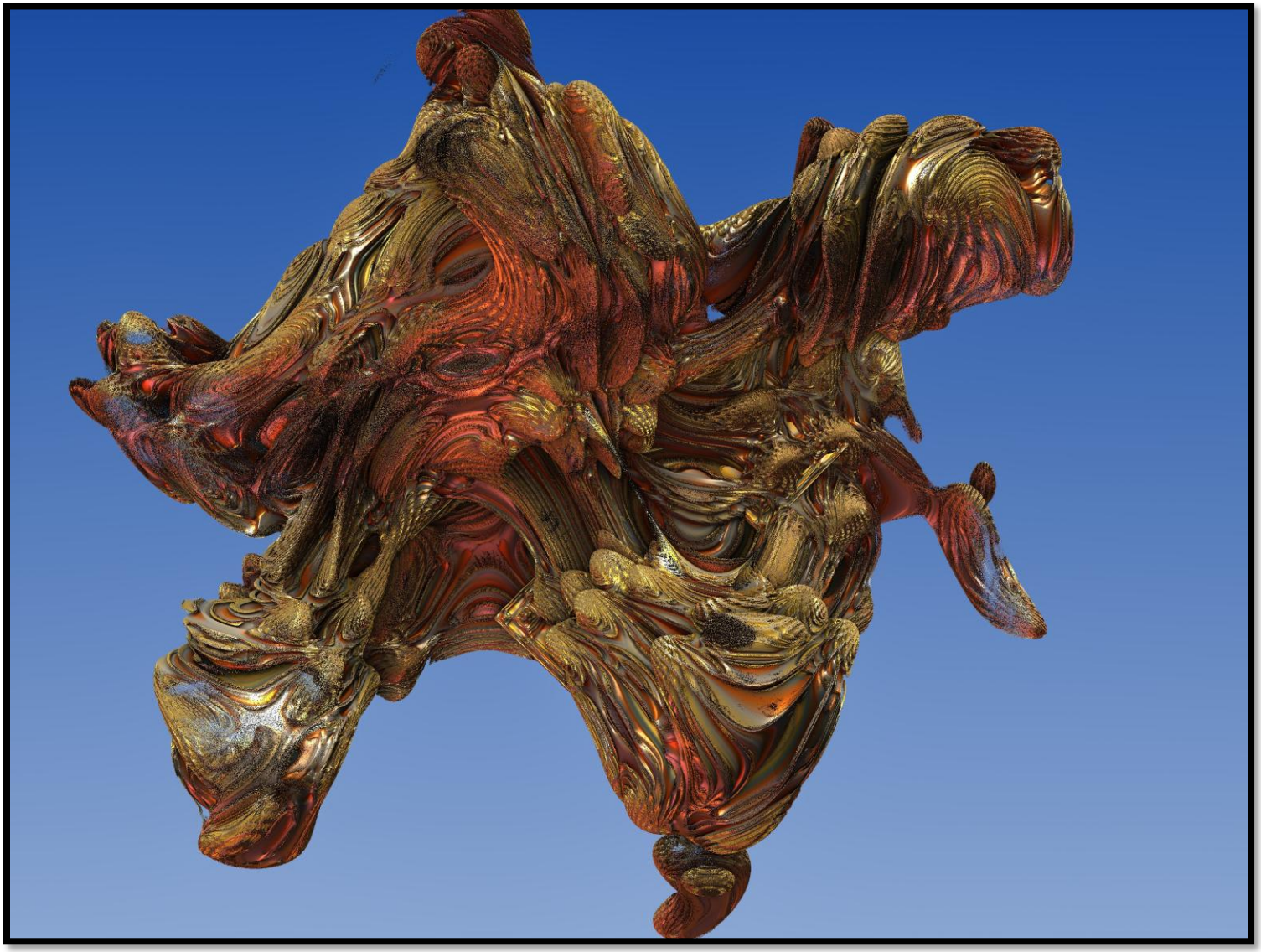
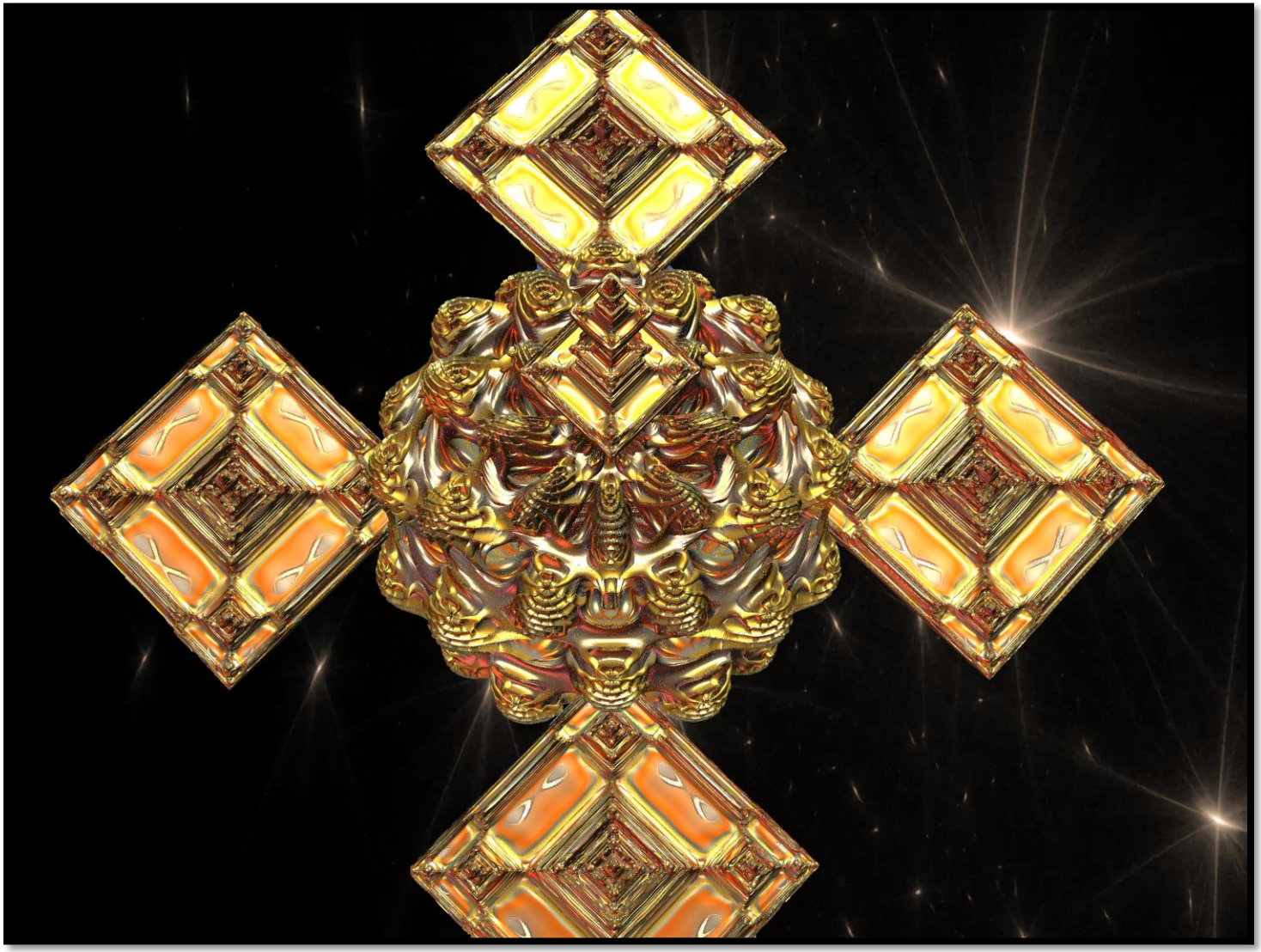


Exhibit No. 23

Depiction of metallic vessels rescued from high geosynchronous orbit above Gliese 1061b. Low tech but expertly crafted, the 4D-printed designs are devoid of internal circuitry, let alone propulsion systems. Cosmic ray stratigraphy identifies the age as between 75K and 1 million local cycles B.T., although orbital decay would have occurred in a fraction of that time; Blancmange et al. argue that the protruding panels act as stabilizers, shifting the COG periodically by thermal expansion. MS profiles and trace biomaterials rule out 1061b as the planet of origin, shifting attention to adjacent waterworld 1061c and snowy 1061d. Preliminary surveys are unpromising, but given the age of the artifacts, there are almost certainly treasures deep beneath the waves and/or ice.



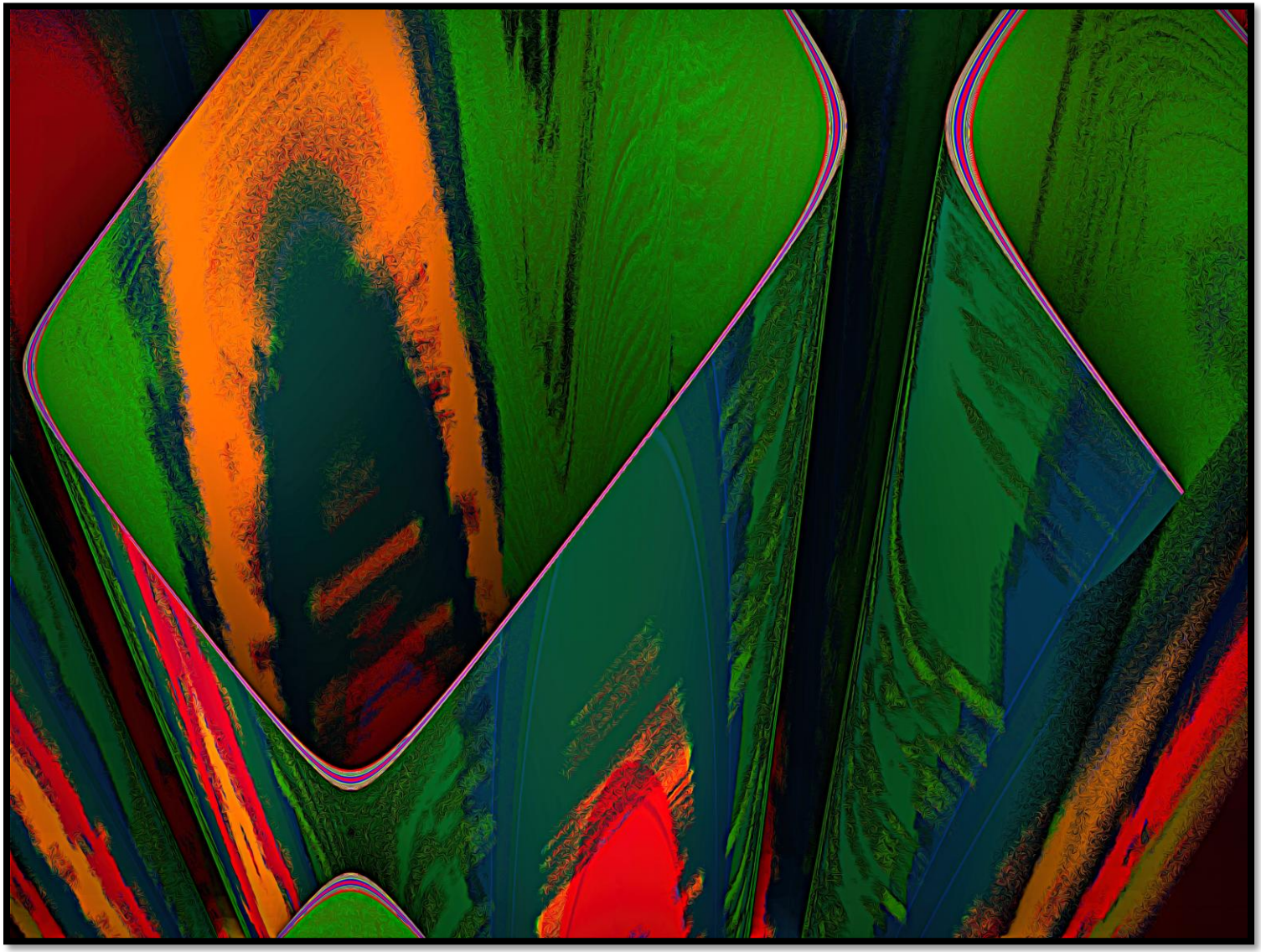
Lower Level Landing: Flora & Fauna

Flora Exhibit No. 7

The puffer plant (*helianthus dirigere*) is a hardy perennial native to Kepler 452b. Micro undulations of the unbranched stems create a rhythmic airstream that keeps the capitula airborne. Relative distance is maintained by a mesh of nearly invisible microfibers, and the positioning of the plant as a whole is heliotropic. Puffers can travel significant distances, are most active in the spring, and have a preference for the nutrient-rich vapors at attractor "hells" throughout the Greater Cantors.

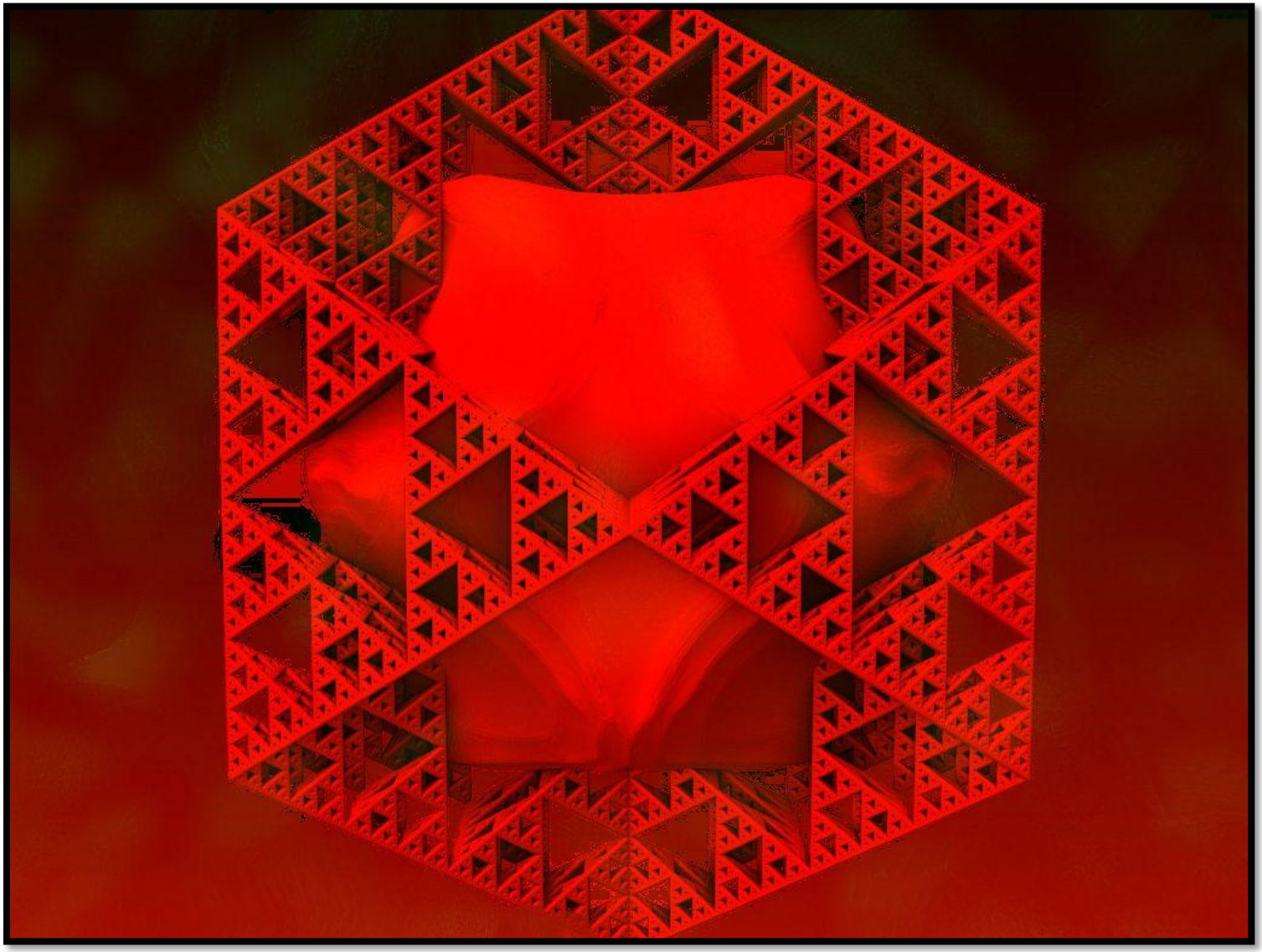
Flora Exhibit No. 8

Rainbow funnel ferns (*tracheophyta infundibulum)* are found across most of northern Talaria on Kepler 62E. The eponymous fronds collect dew and conduct it to the roots ahead of the long summer season. The jostle of ferns in the wind generates infrasound, which protects the water from predators. The noise from fully hydrated plants is sufficient to cause nausea and vomiting in humans.



Fauna Exhibit No. 12

Animation depicting the artificial immune system of a domesticated spider-sheep from Teegardens' Star b. There have been anecdotal reports from silk farmers of animals passed down through successive generations, but until recently, such claims of unusual longevity had never been investigated. Preliminary hematological analysis has now revealed the presence of crude but effective nanites operating in the bloodstreams of at least one herd raised near Pythagoras Tree. As shown here, the autonomous nanoparticles are programmed to identify neoplasms based on elevated nucleolin concentrations. They then organize into self-similar sheets that bind to the tumor surface, interrupting its blood supply. Neutralization of the threat triggers dissolution of the structure and a return to white blood cell emulation. This pilot study raises more questions than it answers and will no doubt be followed by inquiries into the historical context and extent of cyber enhancement on Teegarden's Star b.



Lower Level 2: Dangerous Tech

Everyone is reminded to kindly submit their waiver prior to entry.

Exhibit No. 8

Depiction of the deceptively innocuous looking 'Ocean Killer' discovered in the Lesser Cantors on Kepler 452b. (Comet Catastrophe layer, circa 500 local cycles B.T.) The unknown alloy is plated with a poorly understood biomimetic compound that reacts with moisture to produce oxygen and solid fuel. The nickname is explained by the runaway nature of the reaction in the presence of liquid water. This exhibit is a reproduction. The original is currently at a Coalition research facility, no public access.

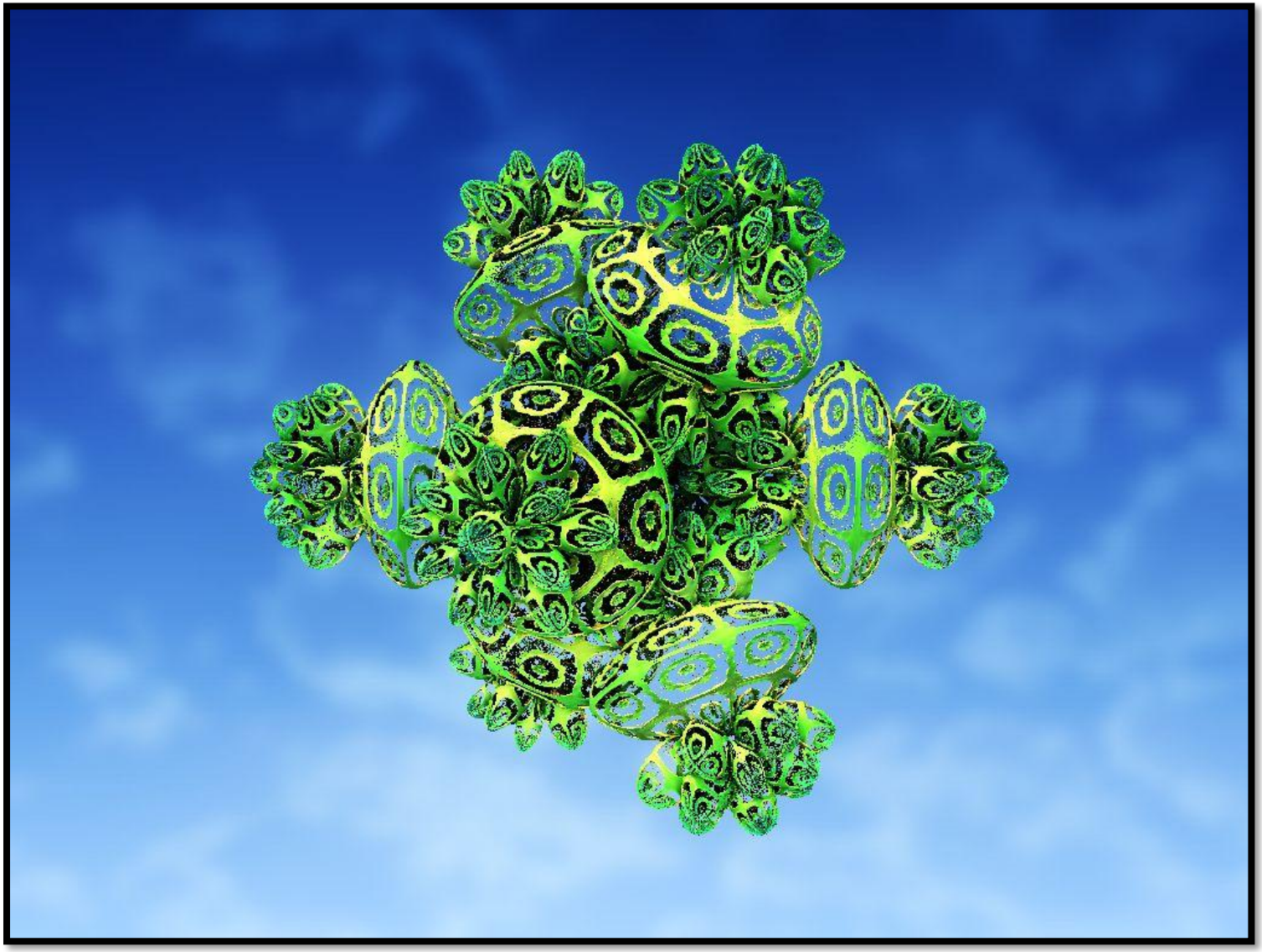


Exhibit No. 11

Depiction of the 100 ms life cycle of a single nanobug sample (high magnification) from Tau Ceti f. Engineered atmospheric contaminant endemic to Terdragon Caves, voltammetric dating inconclusive. Original purpose unknown. Direct exposure in sufficient concentration leads to irreparable lung damage, which explains the 'Terdragon Curse'.

Exhibit No. 12

Depiction of the white hole harvester (WHH) on Kepler 1544b. Approx. 3.14 standard units below surface, with access by the Feigenbaum Tunnels. Dated to the Techno Dark Ages (pre-EMP), 150K local cycles B.T. Inert, but once powered an entire civilization. Animation is an artistic recreation of the WHH core in action.

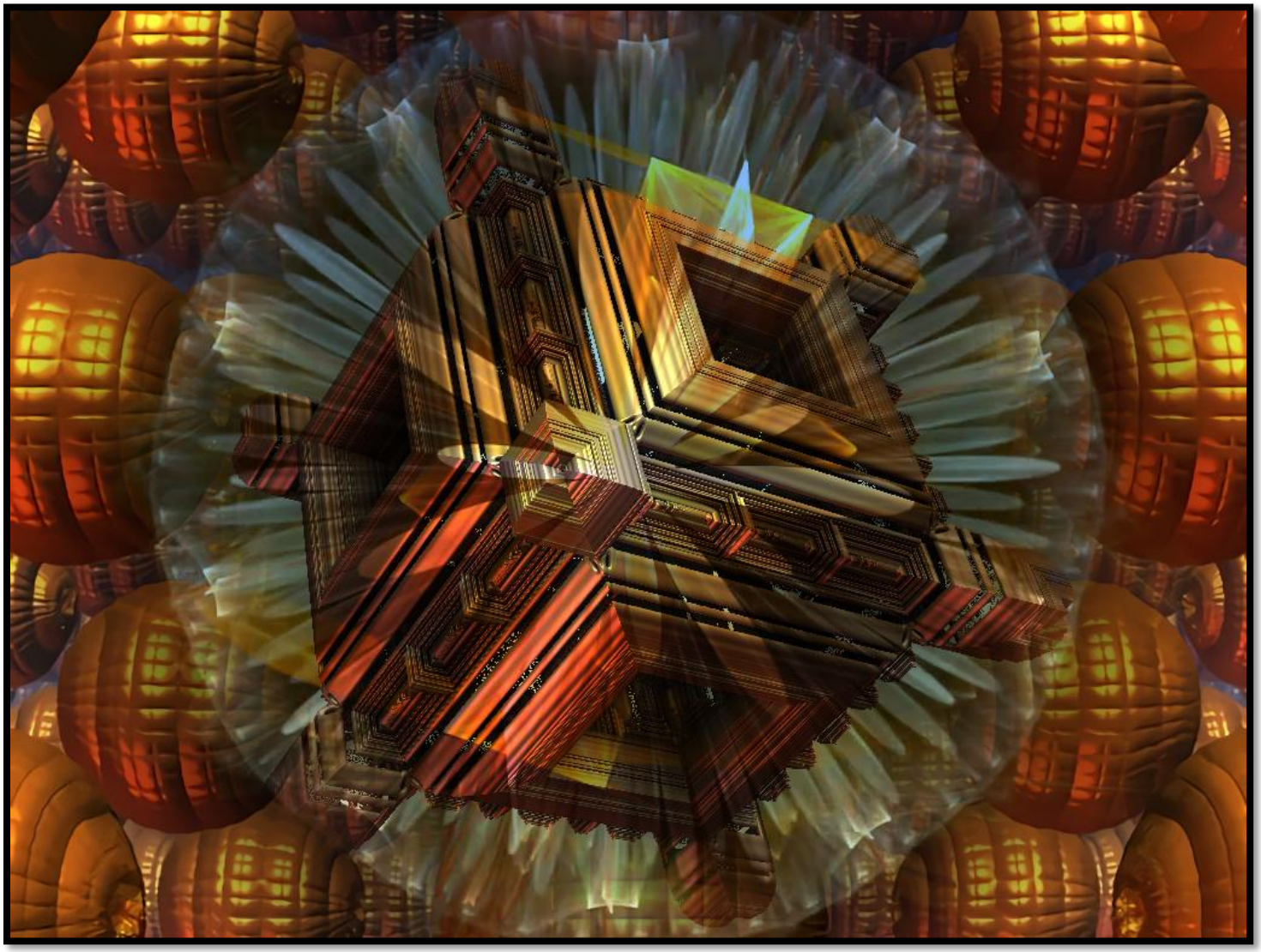


Exhibit No. 15

The name for this infamous artifact in the source language is over 5,000 characters long, and can only be translated using topographical linguistics. In Euclidean French for example, the translation is at the midpoint of an equilateral triangle with the words "astre", "tohu-bohu" and "liberté" inscribed at the respective vertices.

Exhibit No. 30

Tachyon capacitor from the ruins of the white hole harvester on Kepler 1544b. Feigenbaum Tunnels, Techno Dark Ages (pre-EMP), 150K local cycles B.T. In an unfortunate incident, a technician (no longer employed with the dig) ignored protocols while cataloging the component, causing his hand to dematerialize and reappear five days earlier. The damage to the prime-line was contained by persuading him to repeat the accident at the appropriate moment. The hand and original capacitor are currently at a Coalition research facility with no public access.

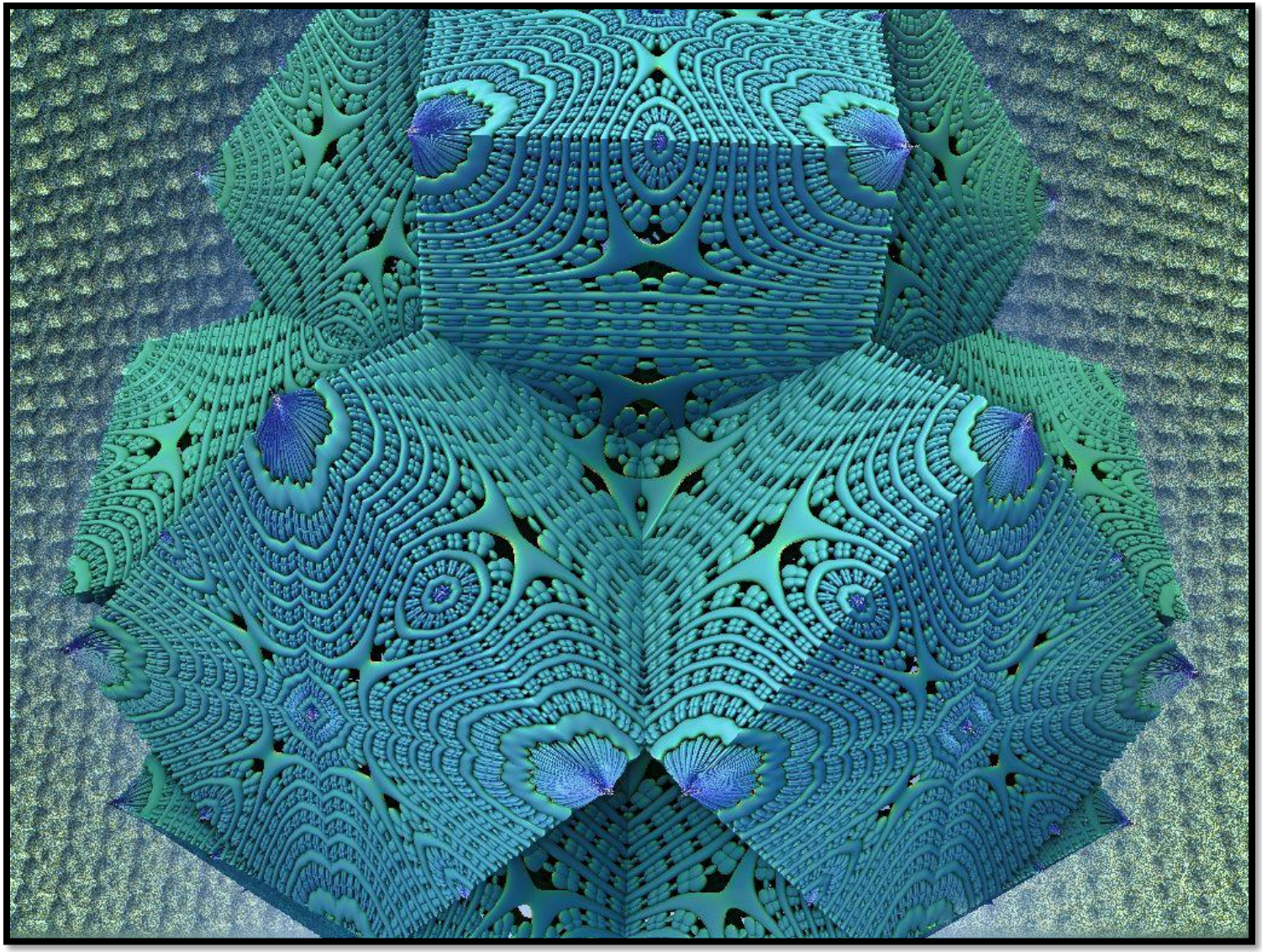


Exhibit No. 31

Octagonal comb from the hive mind of the tyrannical artificial species known as Big Bad, or Great Evil. Teegarden's Star b, Big Bad layer, circa 10K local cycles B.T. On achieving self-awareness, Big Bad declared that its sole purpose was exponential computational growth. After taking control, it began diverting resources to this end, and when raw materials dwindled, set its sights on neighboring planets and then solar systems, eventually building a supply chain with a radius of 70 light-years. Ultimately, Big Bad became a victim of its own success by inventing a compression algorithm (Icarus) that allowed it to model not only the universe and multiverse, but all potential multiverses, before running out of data and imploding from the sudden decrease in processing load (essentially dying of boredom). This artifact is the only known component to have escaped judicial annihilation. As per Coalition regulations, high-temperature stasis is used to prevent pathway formation.

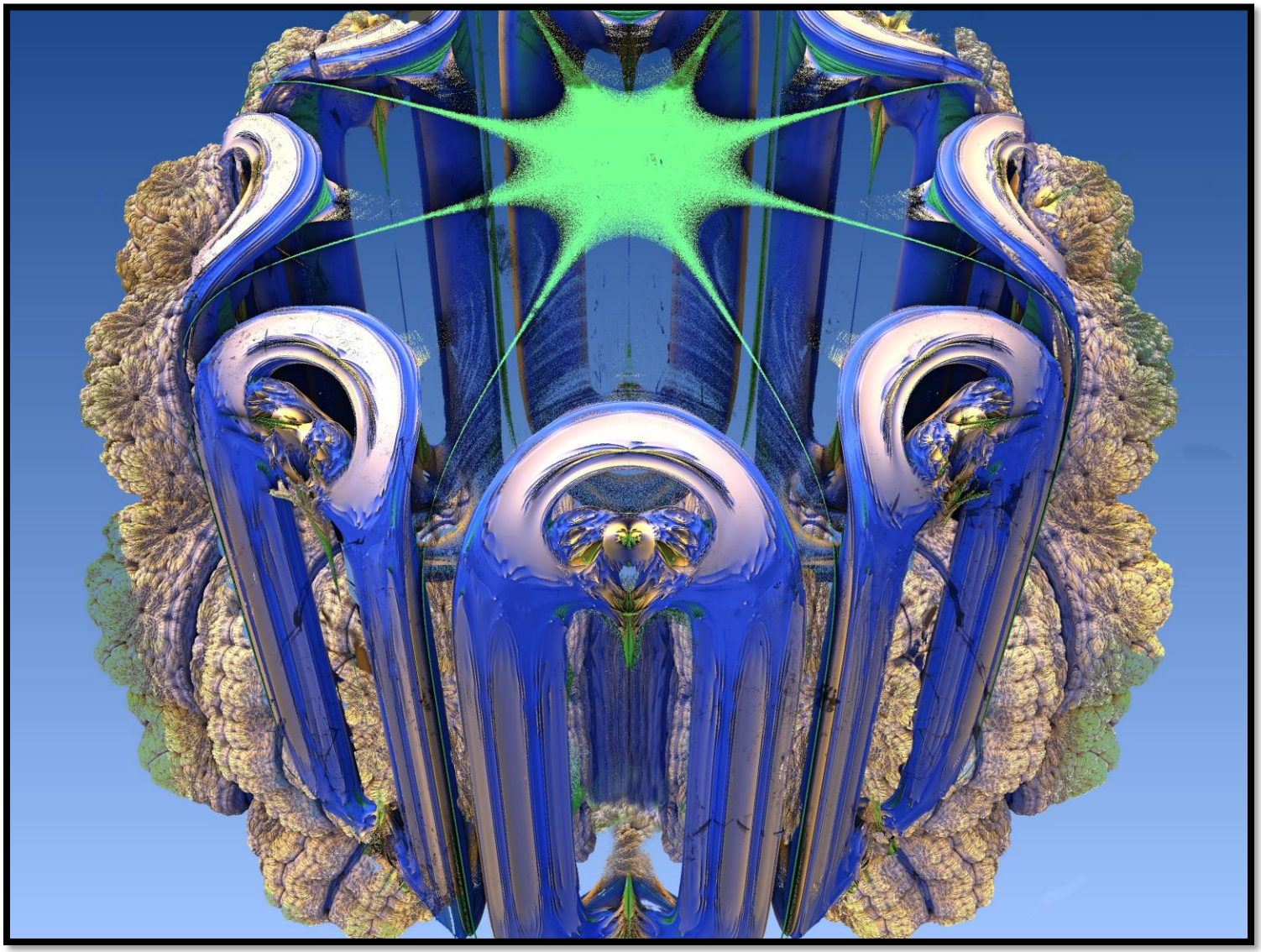
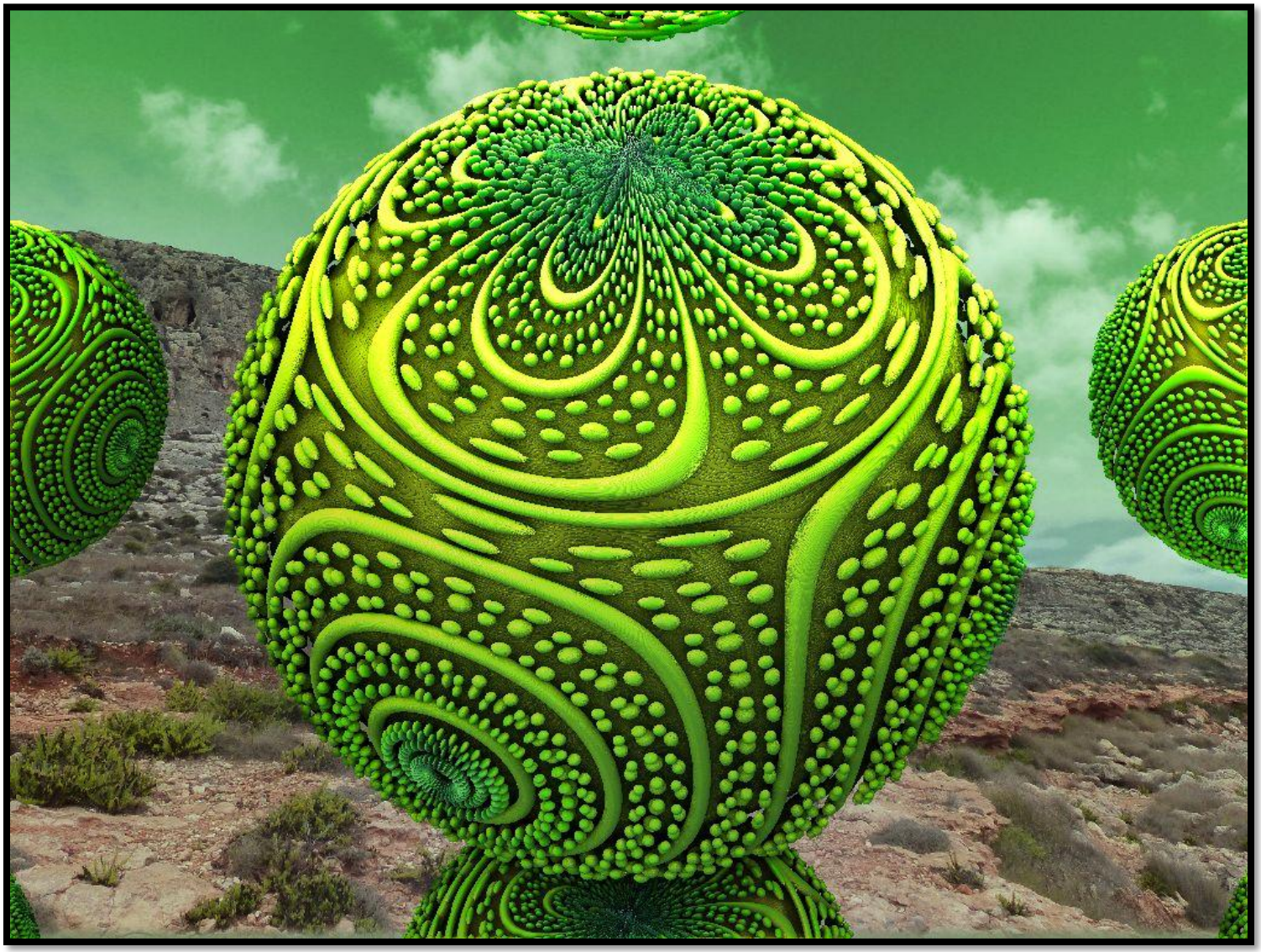


Exhibit No. 37

Depiction of a cluster of incursion spheres designed to render a tiny region of a target planet hospitable to explorers/invaders vis a vis atmospheric pressure, temperature, moisture levels, and chemical composition. Clusters tuned to the conditions on TRAPPIST 1d have been found on neighboring 1e and 1f, and as far away as the Hamiltonian Desert on Tau Ceti f, although the technology is far too sophisticated to have originated in the TRAPPIST system. Hasty emulation of these still poorly understood artifacts was responsible for the runaway solidification of the Venusian atmosphere nearly 50 years ago, spawning the Remember Venus movement.



Upper Level Landing: First Contact

Exhibit No. 16

Kiln-fired brazier/censer from Hénon M on Kepler 186f. Dynastic layer, 300 local cycles B.T. Piece-moulded bronze analog with copper patina. Designed to burn foliage, especially the leaves of an indigenous plant with mild sedative and hallucinogenic properties. The continued use of such kiln furniture on ceremonial occasions explains the peculiar tone of the reports following First Contact.

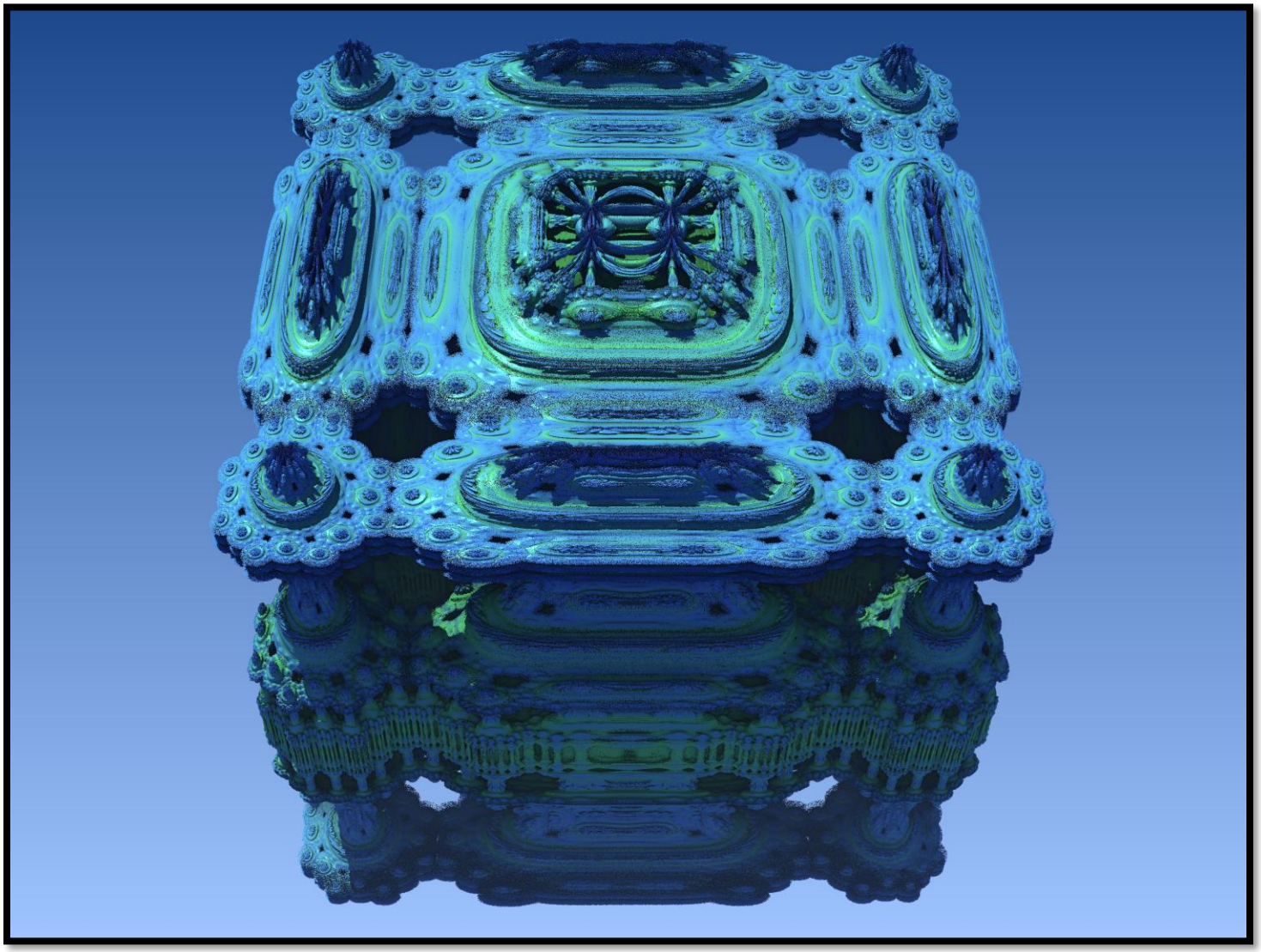


Exhibit No. 27

Depiction of a tangible deposit from the One-Eighty-Sixers to the late Ambassador Eiler on the occasion of Formalization of Ties with the Coalition at Hénon M, Kepler 186f. Brass analog, nano-fused with colored volcanic glass. Date is uncertain. According to Eiler's notes, the item was discovered by the Sixers on a "distant world that subsequently met with a Tachyon disaster and ended up never having existed." The veracity of this claim has been challenged in light of the prior difficulties during First Contact.

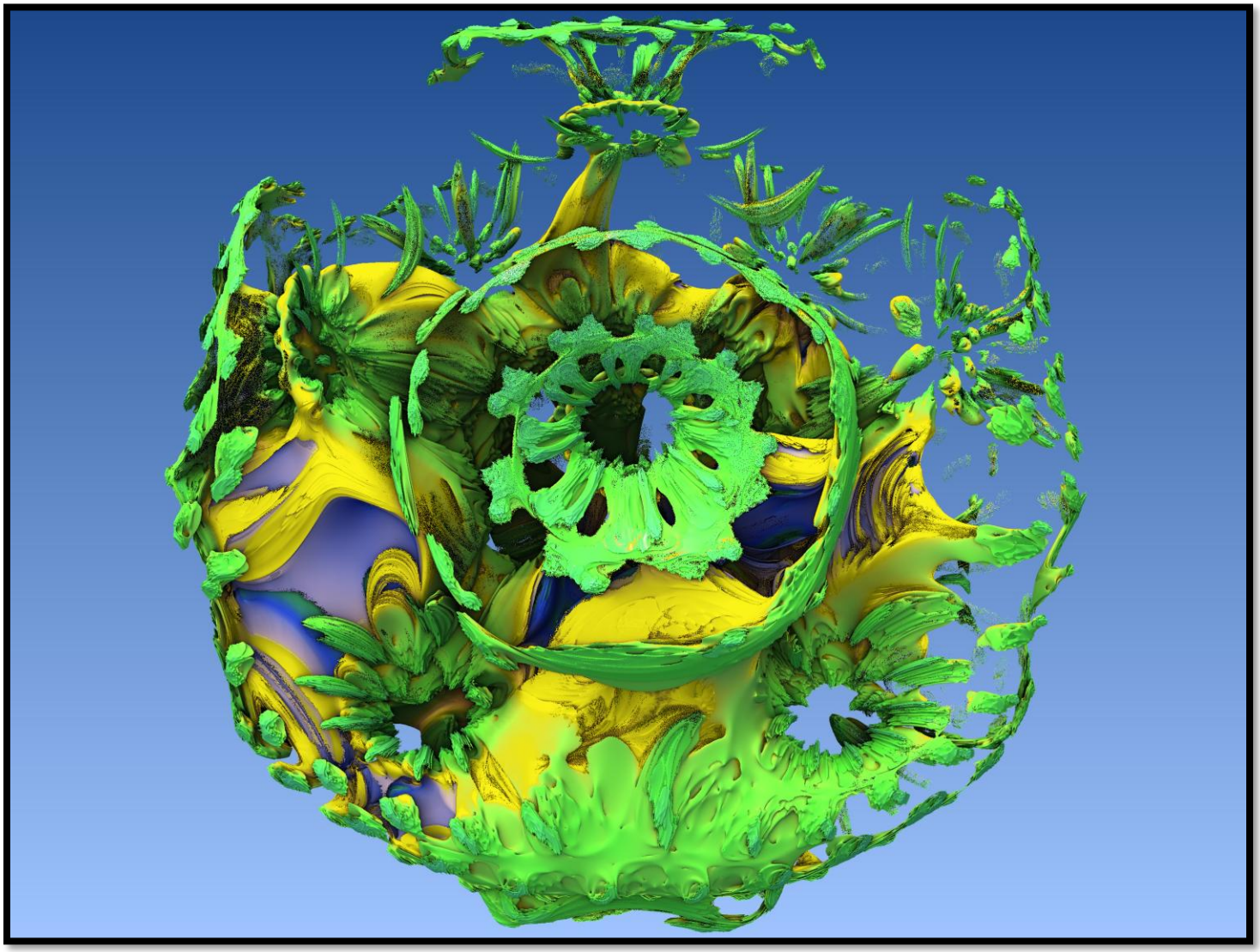
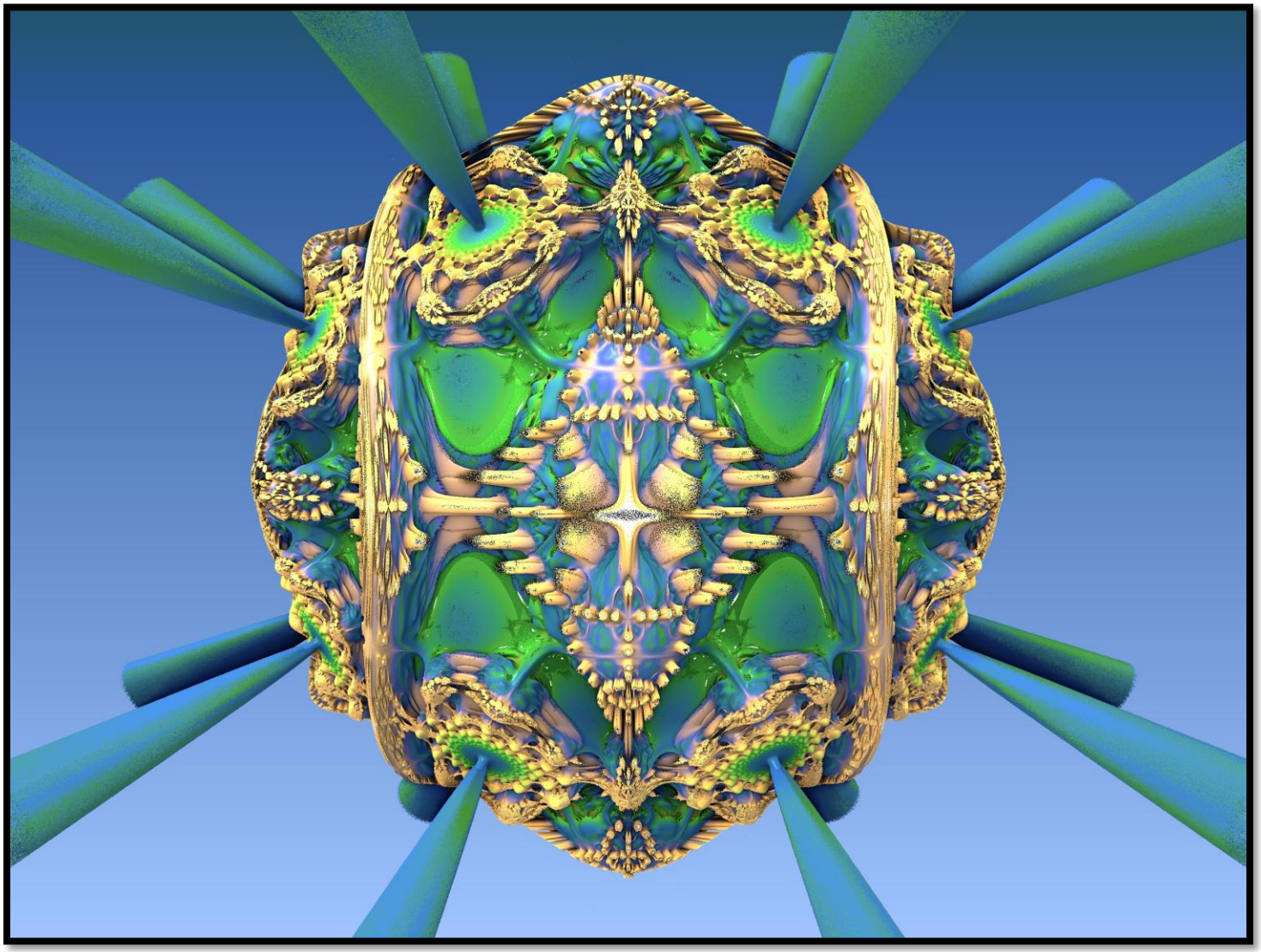


Exhibit No. 42

Original crests of the Three Families gifted to the second delegation to Gliese 581c following the unfortunate loss of the first landing party. At the time (approximately 200 local cycles B.T.), planetary authority was shared by a dynastic triad and wielded through a draconian system of regulations. Custom and law required that the crests of the three families be worn at all times, and that each be covered/uncovered throughout the day as shifts of allegiance followed changes in task and social context. The absence of crests on the uniforms of the Coalition representatives was such a politically incendiary image that it soon precipitated a deadly altercation. Subsequent forensic data mining of the recordings revealed the misunderstanding and led to fundamental revisions to First Contact protocols, including mandatory preliminary audiovisual communications.



Upper Level: Recent Finds

Exhibit No. 25

One of the most recognizable Recursion-era finds from TRAPPIST-1d. Stylized floral elements executed in openwork filigree lend stability to the concentric supports while adding aesthetic appeal to the overall toroidal shape. The K-Pattern for this artifact is a consistent best-seller in the museum gift shop, having recently become popular as a decorative accessory at weddings.

Exhibit No. 26

Depicted is another of the exquisite finds from the Inverse Library on TRAPPIST-1d. More than a millennium ago, the Hausdorff ruling family used these urns to store the ashes of scrolls that they destroyed after committing the contents to memory. Now these jewel-like containers represent all we know about this enigmatic culture, although attempts by various forensic teams to reconstitute the original documents are ongoing.

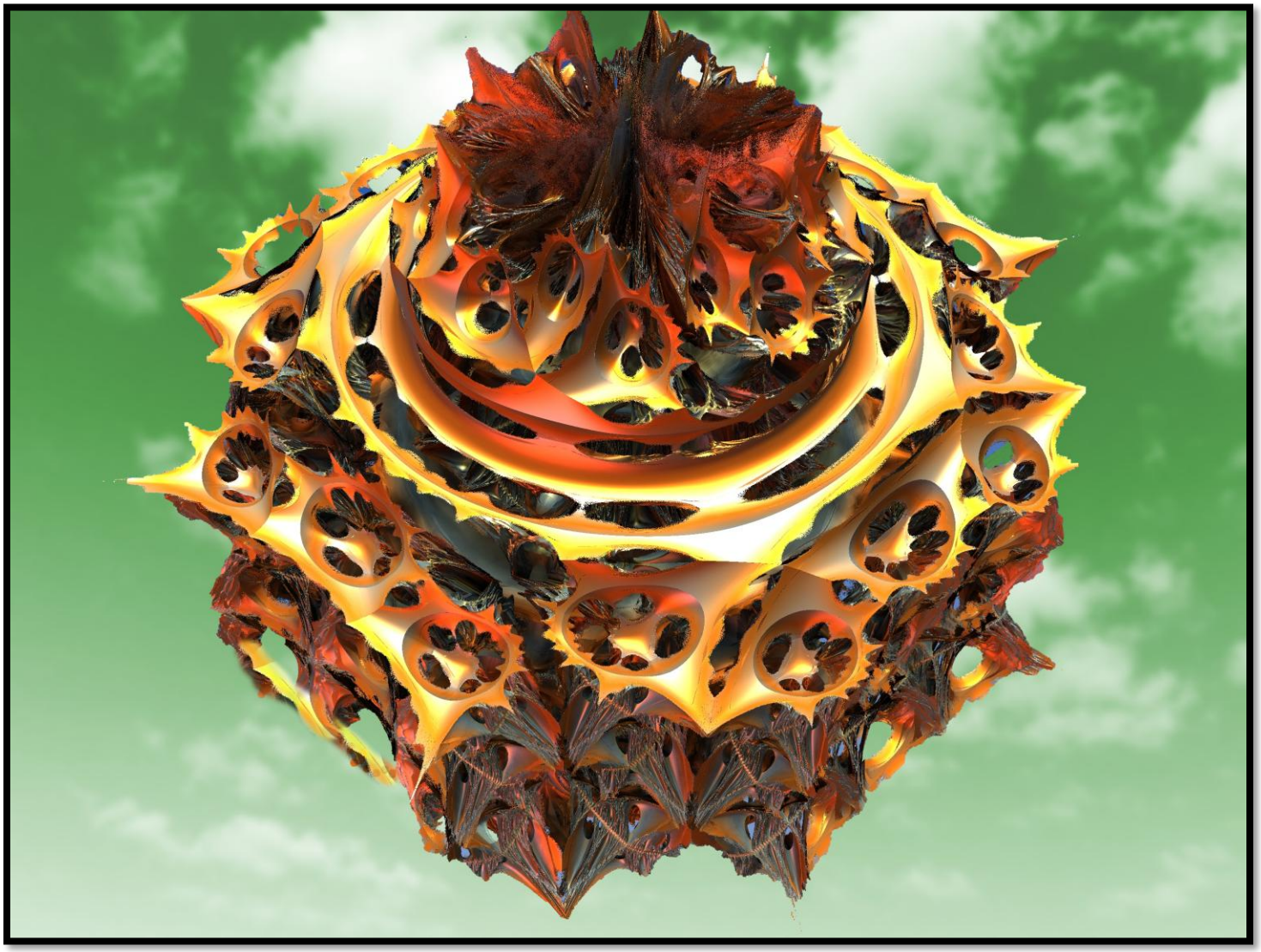


Exhibit No. 28

Head of the Head of the Ministry of Foreign Affairs, Thane Hive, Kepler 62E. Administrative Vaults, circa 200 local cycles B.T. Until only a few generations ago, all governmental posts in this hive were assigned for life. It was customary for the skull of the preceding official to be placed on prominent display in his former office to underscore continuity and tradition. This skull, the final in its series, was bequeathed to the museum by the Ministry of Culture following the dissolution of the hive mind during the latter half of the Five Millisecond War.

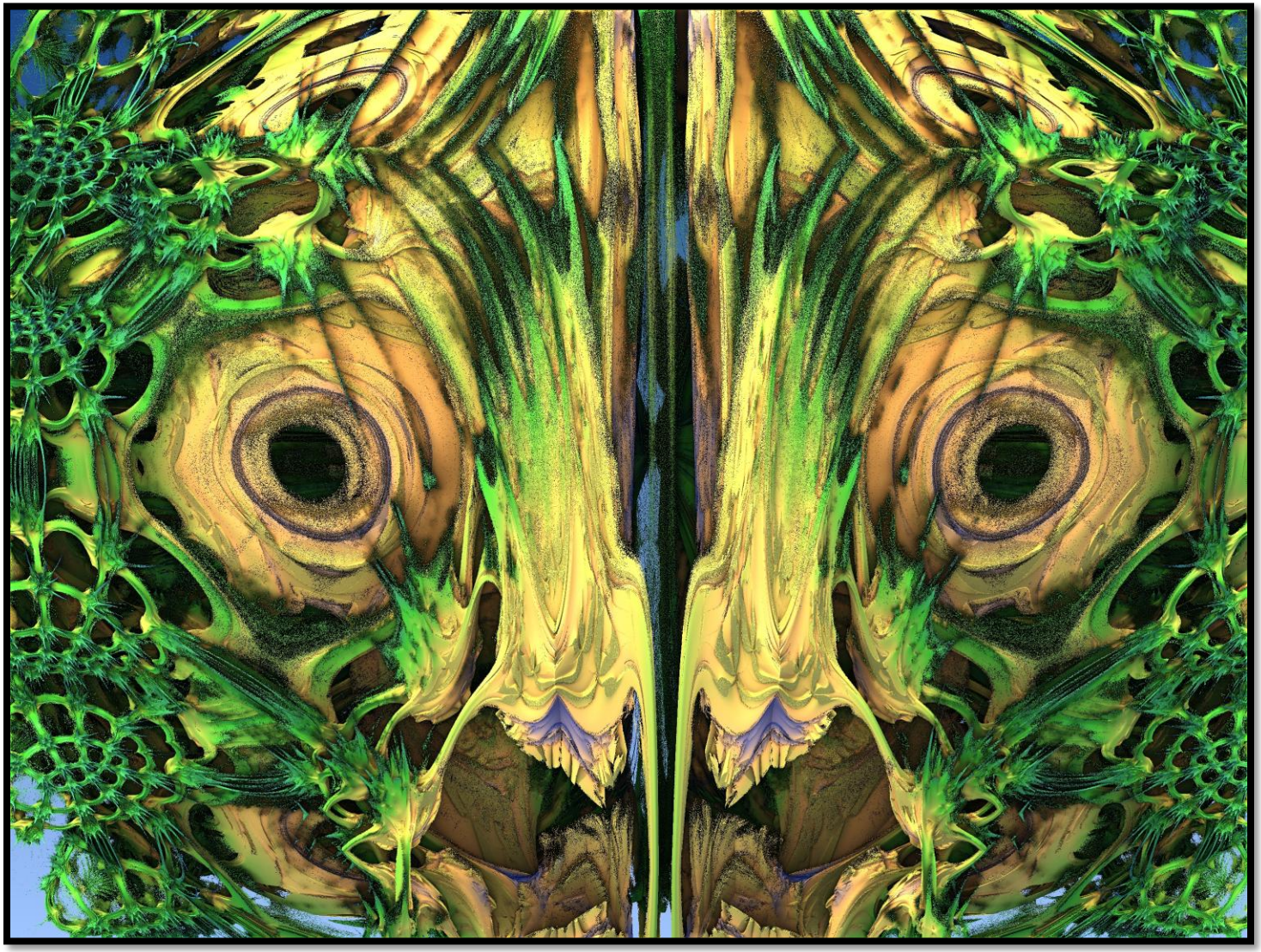


Exhibit No. 29

Depiction of an antique partitioning screen from Kepler 186f. Swansong Dynastic layer, circa 250 local cycles B.T. Chased bronze resin, with intaglios augmented by 4D printing and layers of organic paints. Such screens functioned to separate lower officials (visitors) from higher officials (local administrators) during formal negotiations. The stylized design is reminiscent of the Imperial guard bees (*lupus mellifera scutellata*), which were trained to attack anyone who breached the etiquette of the meeting.

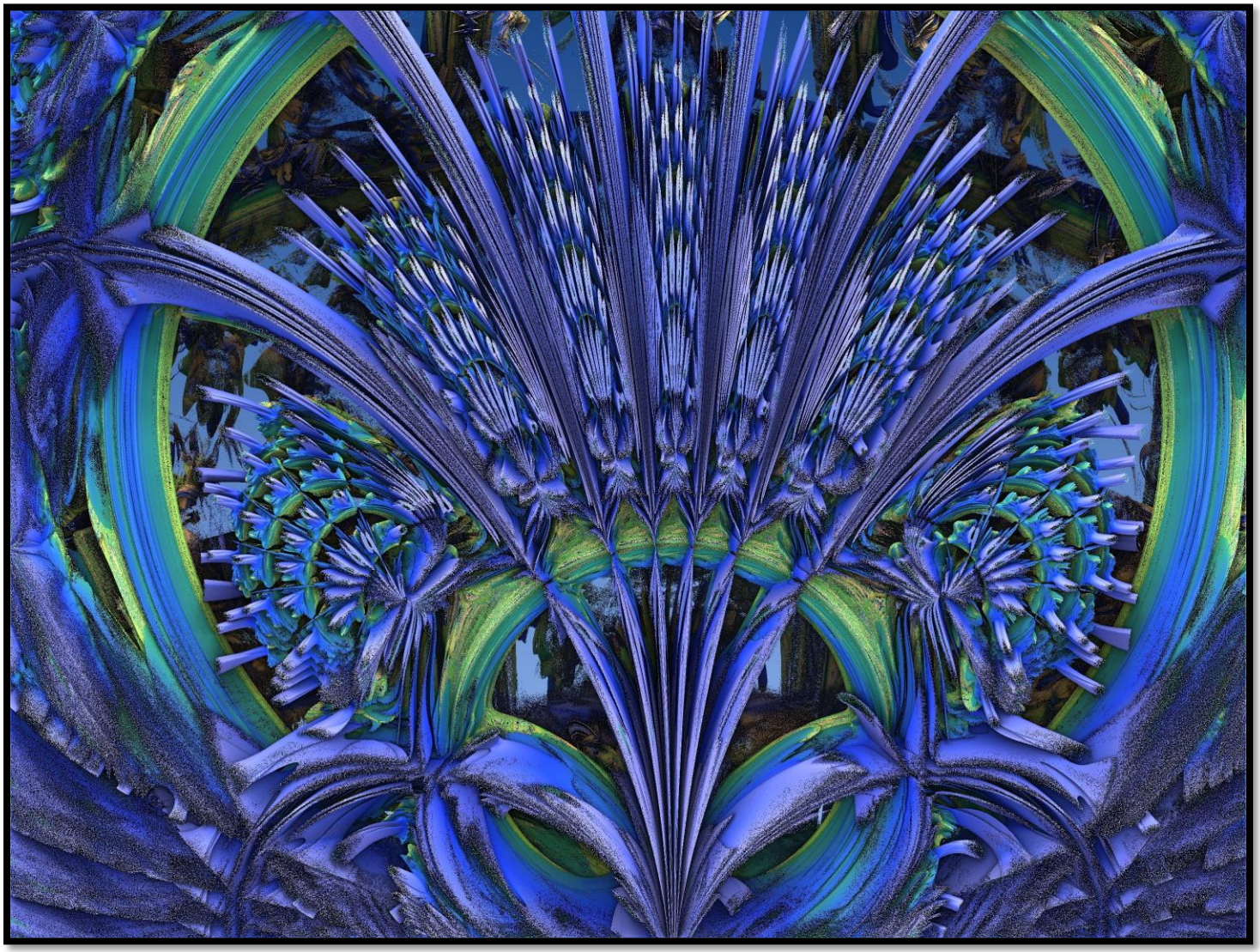


Exhibit No. 34

From the permanent collection. Depiction of a series of decorative containers from New Knossos on Teegarden's Star b. Gosper Island, Superficial layer, no earlier than 2K local cycles B.T. The overall design is woven from a silk-like protein excreted by indigenous spider-sheep, which have long been domesticated for this purpose. Centuries of genetic manipulation has produced a range of silk glands yielding burnished through enameled textures, and colors reminiscent of gold and lapis lazuli. Subtle variations in the tension on the warp threads while spinning the pottery loom create the stylized motifs associated with silk pottery masters, while near-invisible strands support the cloud-like embellishments.

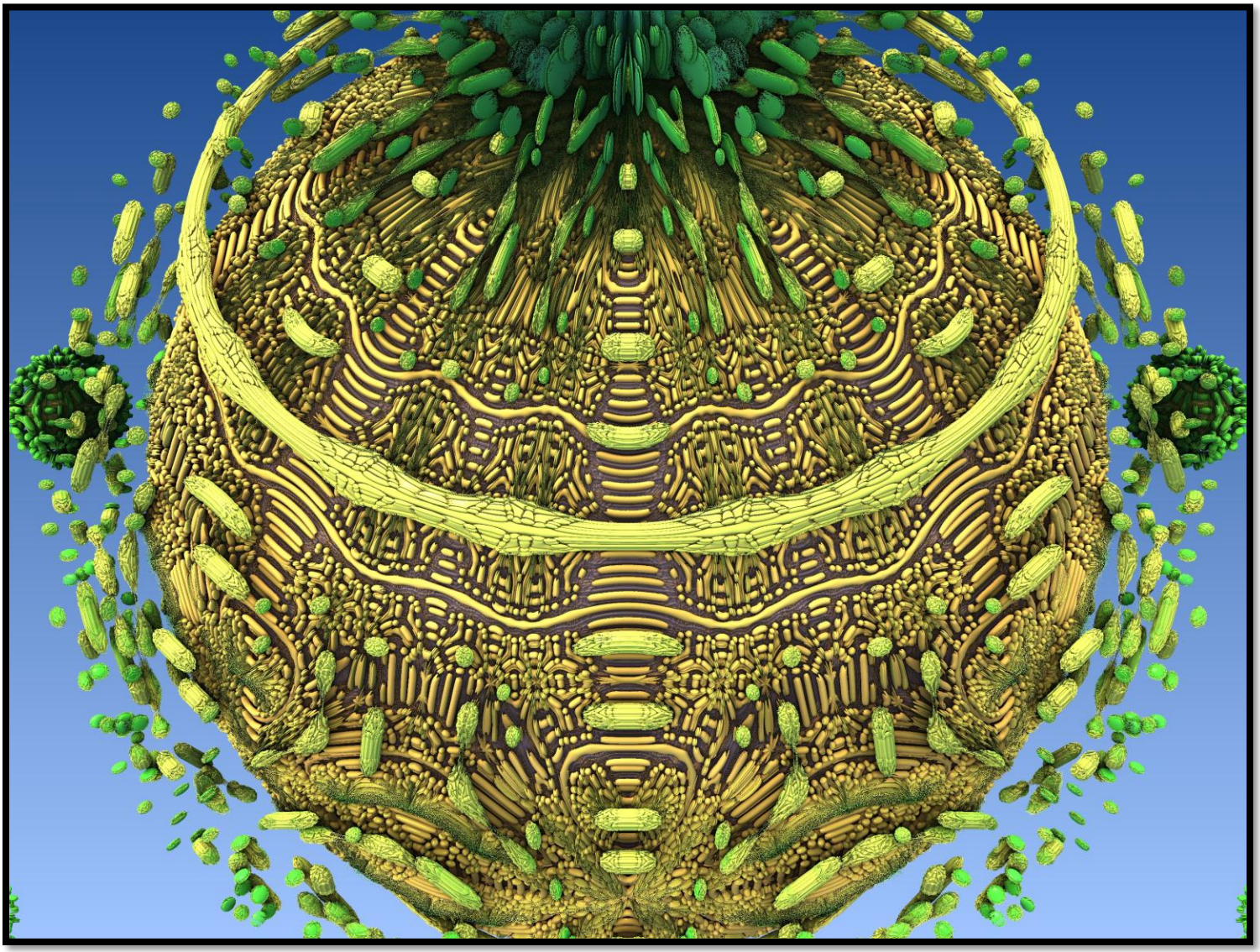


Exhibit No. 35

Depiction of recent finds from an antechamber to the Hall of Trophies in Hexaflake State, Kepler 186f. Pre-Court layer, 1.8K local cycles BT. Items include a weighted resin ball believed to have been used in the earliest years of the infamous games, as well as a breastplate and visor worn by warriors in competition. The inner surface of the mask is inscribed "River Mouth", a common surname at the time. The lack of additional glyphs meaning "belonging to" or "used to be" is fueling the long-standing academic debate over whether such accouterments were fashioned from representatives of the winning team. Both camps would do well to remember the axiom that absence of evidence is not evidence of absence.

Exhibit No. 36

Depiction of a gauntlet style energy weapon recovered from the detritus below Terdragon Falls on Tau Ceti f (Superficial layer, no earlier than 1K local cycles B.T.) Designed to replace the hand of a military droid by screwing into a locking flange at the wrist. Flexi-metal sinews in the arm stump would have supplied the power for the discharge, which was released from the tip (far left). Finding a complete specimen with the medial guard still intact is rare, as droids that survived the war were routinely disassembled, recycled, or deliberately infected with nanites.

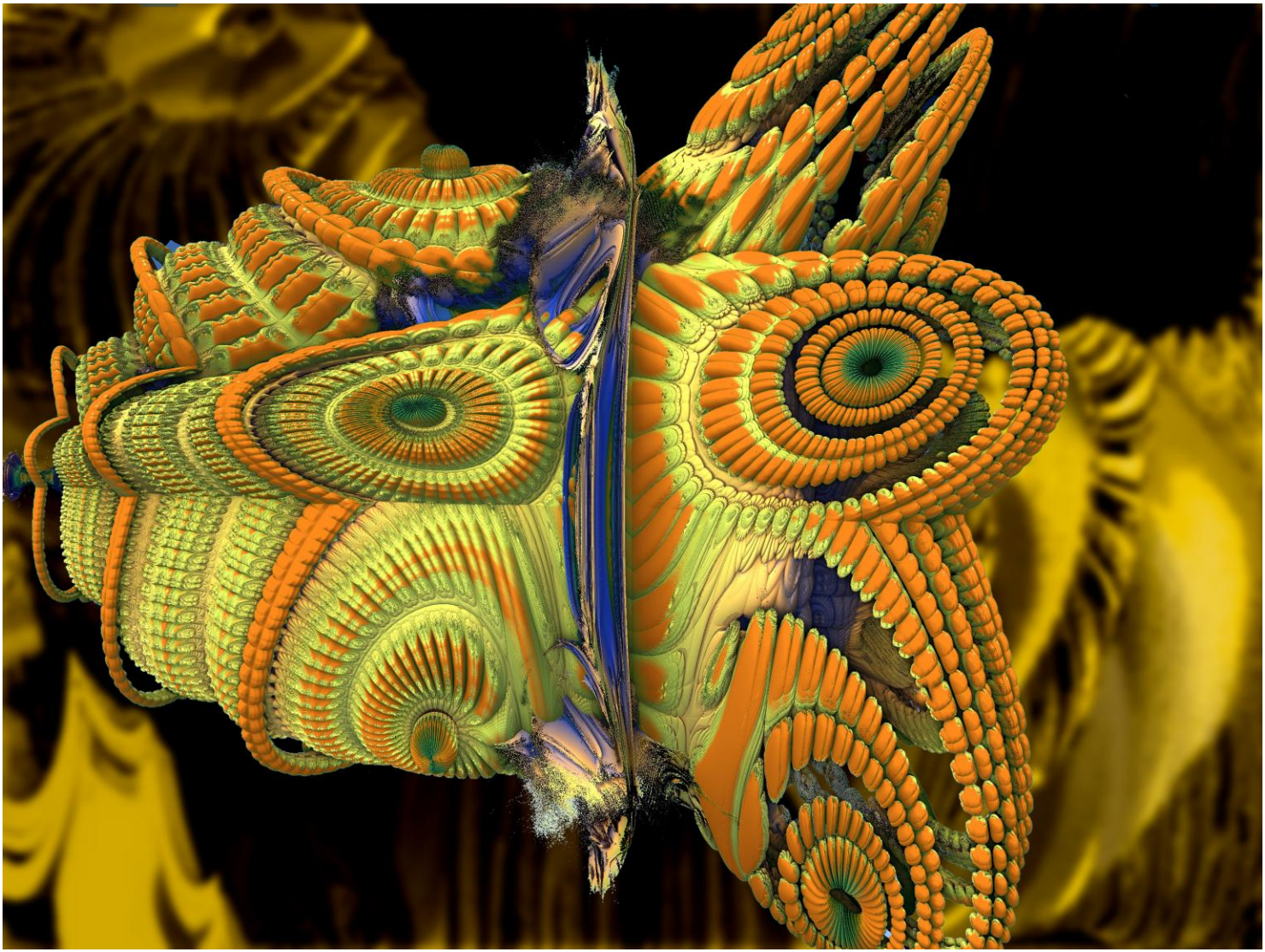
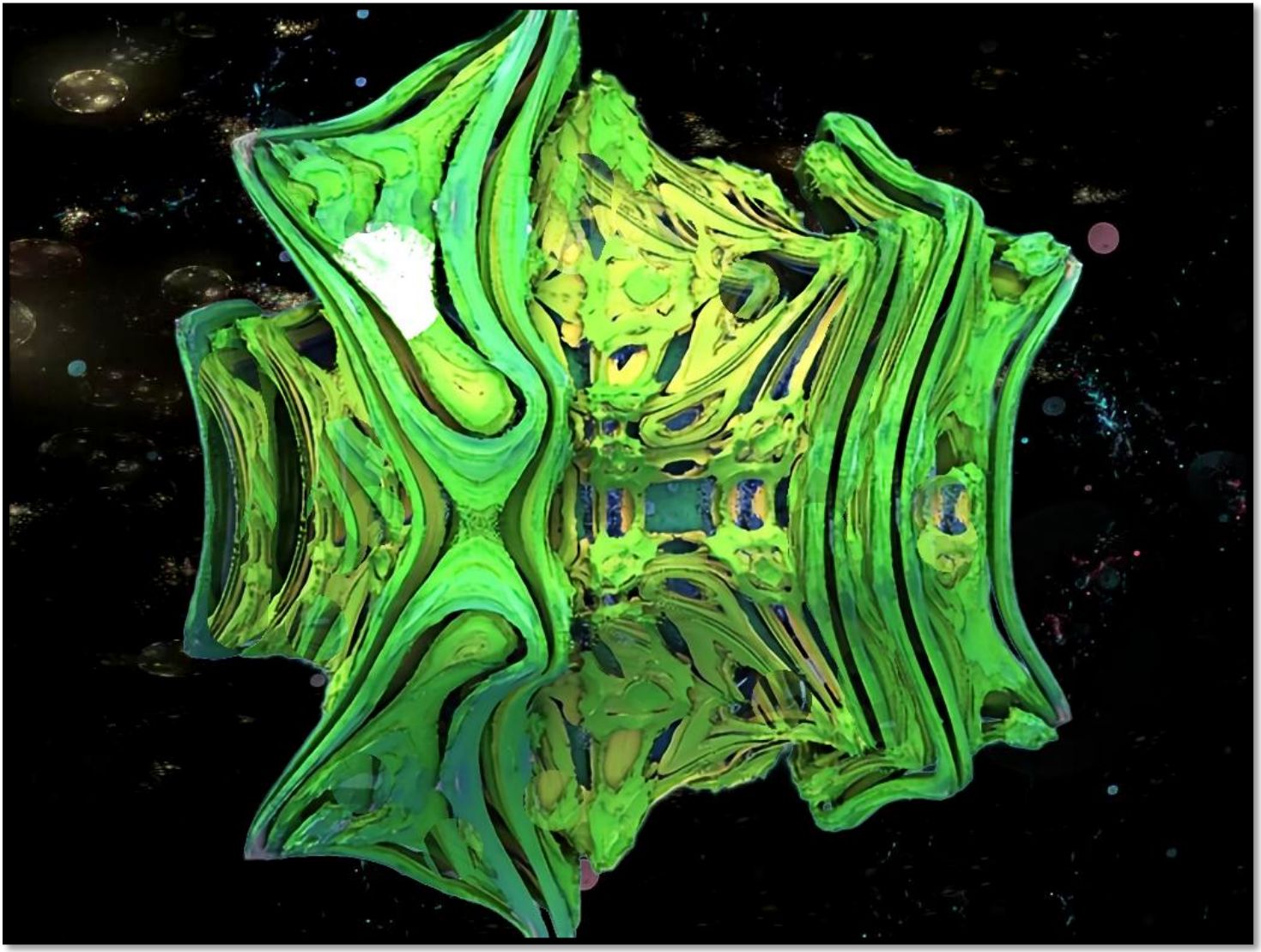


Exhibit No. 43

Preliminary report by the NTMEA team assigned to Gliese 1061c regarding the discovery of a unique deep-space vessel nicknamed the "Flying Dutchman of Gliese". A 5-meter-long dormant ship possibly intended for automated reconnaissance has been detected in extreme elliptical orbit around Gliese 1061. The period is estimated at 150K local cycles (relative to Gliese 1061c), suggesting advanced age. The design has not been previously documented. The hull is bereft of symbols linguistic or otherwise and consists of treated glass with an estimated tensile strength approaching the theoretical upper limit of 17 gigapascals. Our remote probe matched the trajectory, gained access through a rear thruster, and returned a map of the interior, which consists of 7 triangular compartments in the stern, 5 in the mid-section, 3 in the aft-section, and a cockpit in the cone. There are two engine rooms, with connections to five access chambers. The technology is unfamiliar but clearly involves the generation, containment, and directional release of ultra-high frequency energy. The mid-section houses one processing unit with four access chambers. The technology is baffling and the functionality unknown. Moving aft, we find another complex device and two connected antechambers, plus an adjacent cockpit equipped with static navigational displays. We are awaiting Coalition authorization for retrieval and full-scale investigation of this unprecedented find.



About the Artists

The Davmandy Collection is an extended artistic collaboration between Dr. David Petersen and Mandy Conti. As photographers, they have traveled the globe together for more than 20 years, compiling an extensive portfolio in the process. These images then become the canvas for adventures in painstaking and elaborate digital manipulation, using a range of sophisticated software. The results are sometimes striking, sometimes whimsical, never boring.

Their artwork has been viewed more than one million times online through various social media channels and the davmandycollection.com website.

The Museum of Exoplanetary Archaeology, New Toronto, Mars Colony 7 is an offshoot of the Davmandy Collection. The images are all fractal-based and are available as NFTs (many as videos) from links on the davmandycollection.com website. Most of the names for people and dig sites incorporate fractal terminology, and any planets mentioned are thought at present to be at least potentially habitable.

lulu.com/spotlight/drdavidpetersen